



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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Power Magnetics

Product Selection Guide

- Inductors
- Transformers
- Common-Mode Chokes

Tomorrow's electronic products...



Magnetic Products

Two essential elements of the vast majority of power electronics applications are filtering and isolation. Whether you need to reduce noise or protect vital components, Murata Power Solutions can offer a wide range of products to suit your requirements.

With an emphasis on miniaturization, reliability and ease of handling, our designs are available in a variety of styles including bobbin, radial, axial and surface-mount.

- Inductors
- Pulse transformers
- Common-mode chokes
- Current sensing transformers
- Databus isolators
- Agency approved transformers
- Reference designs
- Custom designs



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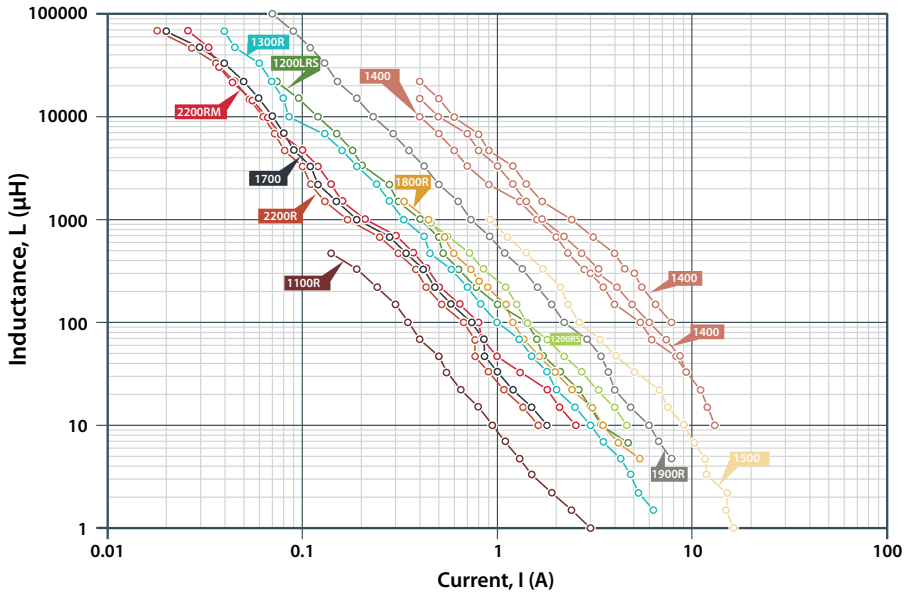
| Series | Through Hole | Surface Mount | Shielded | Unshielded | Rated Current | | | | Inductance Range | | | | | | | Page | | | | | |
|---------|--------------|---------------|----------|------------|---------------|-------|-------|-------|------------------|-------|-------|-------|-------|-------|------|------|-------|--|--|--|----|
| | | | | | 10mA | 100mA | 1A | 10A | 10nH | 100nH | 1µH | 10µH | 100µH | 1mH | 10mH | | 100mH | | | | |
| 1100R | | | | | 140mA | | 3A | | | | 1.0µH | | | 470µH | | | | | | | |
| 2200R | | | | | 18mA | | 1.62A | | | | | 10µH | | | | | | | | | 6 |
| 1700 | | | | | 20mA | | 1.8A | | | | | 10µH | | | | | | | | | |
| 1300R | | | | | 40mA | | 6.3A | | | | 1.5µH | | | | | | | | | | |
| 1800R | | | | | 130mA | | 5.35A | | | | | 4.7µH | | | | | | | | | 7 |
| 1800 | | | | | 130mA | | 5.35A | | | | | 4.7µH | | | | | | | | | |
| 1900R | | | | | 70mA | | 7.8A | | | | | 4.7µH | | | | | | | | | |
| 1500 | | | | | | 910mA | | 16.2A | | | 1.0µH | | | | | | | | | | 8 |
| 1400 | | | | | | 400mA | | 13A | | | | 10µH | | | | | | | | | |
| 1200LRS | | | | | 73mA | | 4.7A | | | | | 6.8µH | | | | | | | | | |
| 1200RS | | | | | 440mA | | 4.6A | | | | | 10µH | | | | | | | | | |
| 8200 | | | | | 70mA | | 2A | | | | | 1µH | | | | | | | | | 9 |
| 8400 | | | | | 50mA | | 2.8A | | | | | 1µH | | | | | | | | | |
| 3400L | | | | | 160mA | | 1.7A | | | | | 1.2µH | | | | | | | | | |
| 3400 | | | | | 90mA | | 2.5A | | | | | 1.2µH | | | | | | | | | |
| 2700T | | | | | 130mA | | 2A | | | | | 1µH | | | | | | | | | 10 |
| 2700 | | | | | 110mA | | 1.6A | | | | | 4.7µH | | | | | | | | | |
| 2900L | | | | | 140mA | | 4.6A | | | | | 1µH | | | | | | | | | |
| 2900 | | | | | 180mA | | 6A | | | | | 1µH | | | | | | | | | |
| 2300 | | | | | 430mA | | 2.1A | | | | | 2.2µH | | | | | | | | | 11 |
| 2300S | | | | | 250mA | | 2.1A | | | | | 2.2µH | | | | | | | | | |
| 2400 | | | | | 350mA | | 2.6A | | | | | 2.7µH | | | | | | | | | |
| 2400S | | | | | 350mA | | 3.1A | | | | | 2.7µH | | | | | | | | | |
| 2600 | | | | | 280mA | | 4.4A | | | | | 3.3µH | | | | | | | | | 12 |

| Series | Through Hole | Surface Mount | Shielded | Unshielded | Rated Current | | | | Inductance Range | | | | | | | Page | | |
|--------|--------------|---------------|----------|------------|---------------|-------|-------|-------|------------------|-------|-----|--------|-------|-----|--------|-------|-------|----|
| | | | | | 10mA | 100mA | 1A | 10A | 10nH | 100nH | 1µH | 10µH | 100µH | 1mA | 10mA | | 100mA | |
| 2600S | | | | | | 400mA | | 4.6A | | | | 3.3µH | | | 680µH | | | 12 |
| 2200RM | | | | | | 26mA | | 2.52A | | | | 10µH | | | | | 68mH | |
| 2800 | | | | | | 290mA | | 15.5A | | | | 1µH | | | | 3.3mH | | |
| 4500 | | | | | | 230mA | | 8A | | | | 280nH | | | | 1.0mH | | |
| 4600 | | | | | | 270mA | | 8.7A | | | | 280nH | | | | 1.0mH | | |
| 4700S | | | | | | 400mA | | 10A | | | | 1µH | | | | 1.0mH | | |
| 4800S | | | | | | 520mA | | 10A | | | | 1µH | | | | 1.0mH | | |
| 4900S | | | | | | 500mA | | 11.8A | | | | 1µH | | | | 1.0mH | | |
| 4700 | | | | | | | 1.01A | 9.5A | | | | 1µH | | | 400µH | | | 14 |
| 4800 | | | | | | | 1.23A | 12.3A | | | | 1µH | | | 400µH | | | |
| 4900 | | | | | | | 950mA | 9.5A | | | | 2.2µH | | | 880µH | | | |
| 8300 | | | | | | 240mA | | 3A | | | | 420nH | | | 100µH | | | 15 |
| 3200 | | | | | | 450mA | | 4.5A | | | | 10µH | | | 1.0mH | | | |
| 3300 | | | | | | 760mA | | 7.6A | | | | 10µH | | | 1.0mH | | | |
| 4000 | | | | | | 540mA | | 5.2A | | | | 3.3µH | | | 330µH | | | |
| 4100 | | | | | | 830mA | | 8.1A | | | | 2.7µH | | | 330µH | | | 16 |
| 4200 | | | | | | | 10.4A | 14.3A | | | | 1.27µH | | | 17.6µH | | | |
| 4300 | | | | | | | 21A | 22.4A | | | | 2.1µH | | | 4µH | | | |
| 3500 | | | | | | | 6.5A | 15.5A | | | | 250nH | | | 1.5µH | | | |
| 3600 | | | | | | | 3.6A | 14.5A | | | | 400nH | | | 4.7µH | | | 17 |
| 3700 | | | | | | | 9A | 19.5A | | | | 300nH | | | 3.9µH | | | |
| 3800 | | | | | | | 4.8A | 18A | | | | 150nH | | | 8.8µH | | | |
| 3900 | | | | | | | 5A | 19.5A | | | | 350nH | | | 10µH | | | |
| 6000A | | | | | | | 4.9A | 14.5A | | | | 5.8µH | | | 57.8µH | | | |
| 6000B | | | | | | | 3.0A | 10.5A | | | | 47µH | | | 680µH | | | 18 |
| 3000A | | | | | | | | 22A | 37A | | | 80nH | | | 191nH | | | |
| 3000B | | | | | | | | 29A | 37A | | | 85nH | | | 200nH | | | |

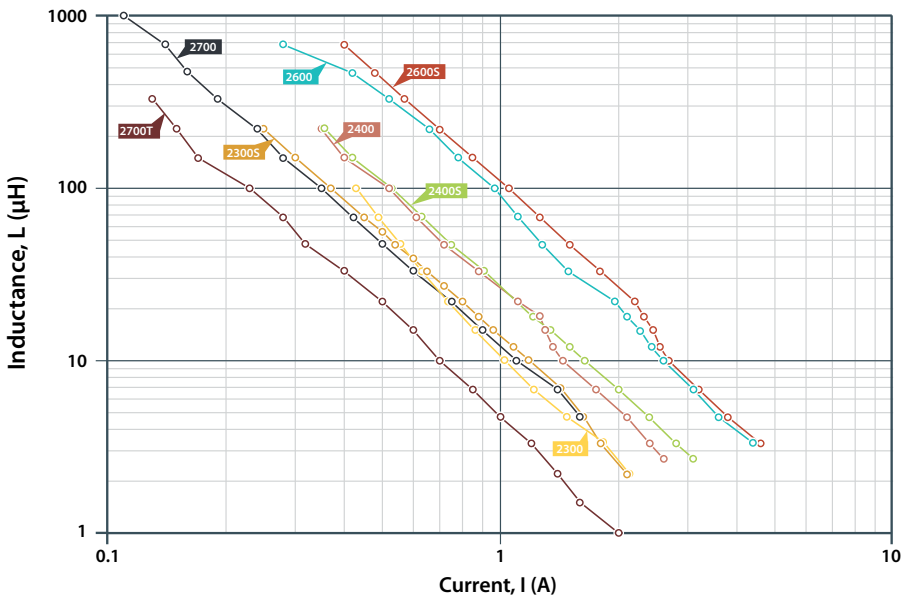
| Series | Through Hole | Surface Mount | Page |
|--------|--------------|---------------|------|
| 5000 | | | |
| 5100 | | | 19 |
| 5200 | | | |

| Series | Through Hole | Surface Mount | Type | Page |
|-------------|--------------|---------------|----------------------|------|
| | | | General Purpose | |
| | | | Application Specific | |
| 766 | | | ✓ | 20 |
| 786(J) | | | ✓ | (21) |
| 1000 | | | ✓ | 21 |
| 772 | | | ✓ | |
| 16XX | | | ✓ | 22 |
| 78250(J) | | | ✓ | 23 |
| 78253(J) | | | ✓ | (24) |
| 76250ENC | | | ✓ | 24 |
| 76253/XXENC | | | ✓ | |

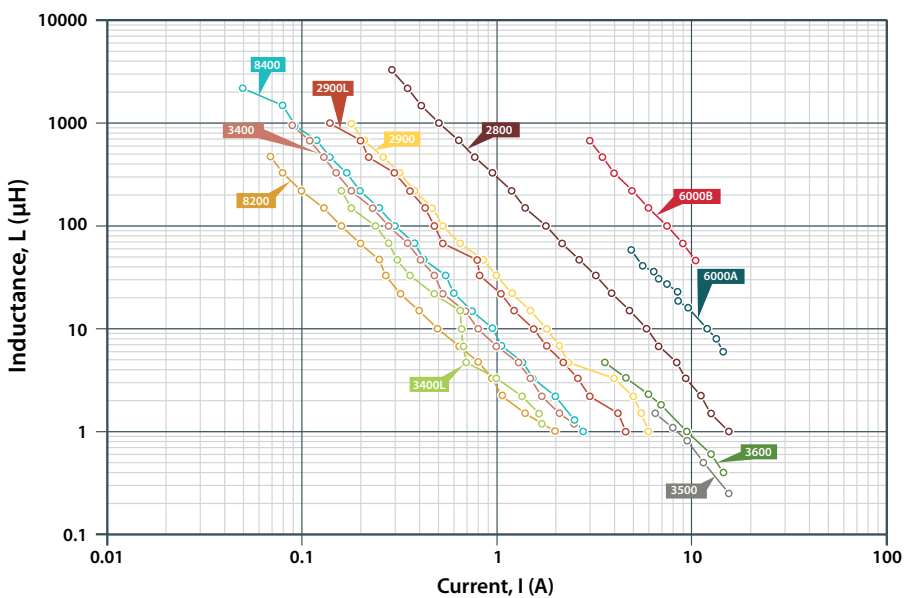
| Series | Through Hole | Surface Mount | Type | Page |
|----------|--------------|---------------|----------------------|------|
| | | | General Purpose | |
| | | | Application Specific | |
| 782482 | | | ✓ | 24 |
| 782485 | | | ✓ | |
| DA100(J) | | | ✓ | 25 |
| 5300 | | | | 26 |
| 5400 | | | | |
| 5500 | | | | |
| 5600 | | | | 27 |



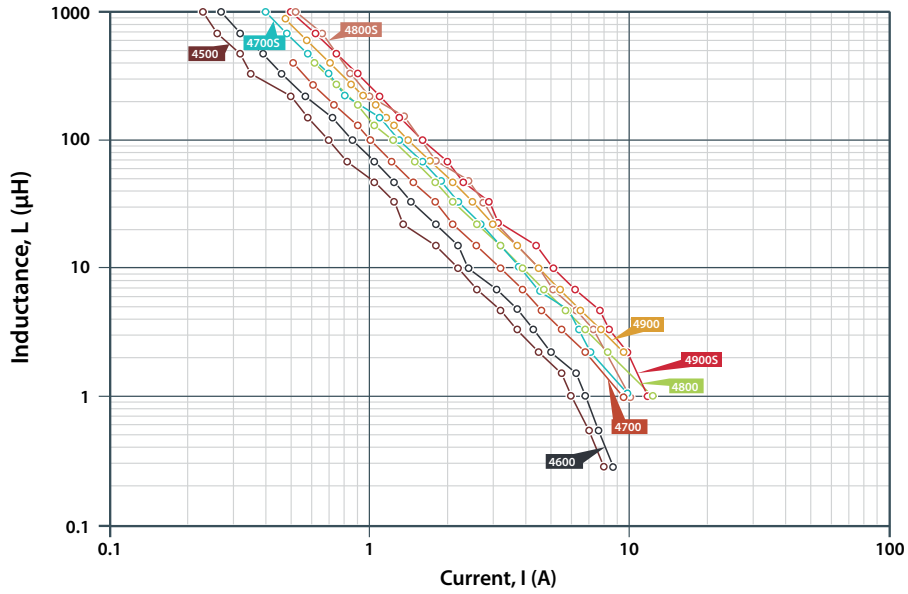
| Series | Package | Page |
|---------|---------|------|
| 1100R | | 6 |
| 1200LRS | | 8 |
| 1200RS | | 9 |
| 1300R | | 7 |
| 1400 | | 8 |
| 1500 | | |
| 1700 | | 6 |
| 1800 | | 7 |
| 1800R | | |
| 1900R | | 6 |
| 2200R | | |
| 2200RM | | 12 |



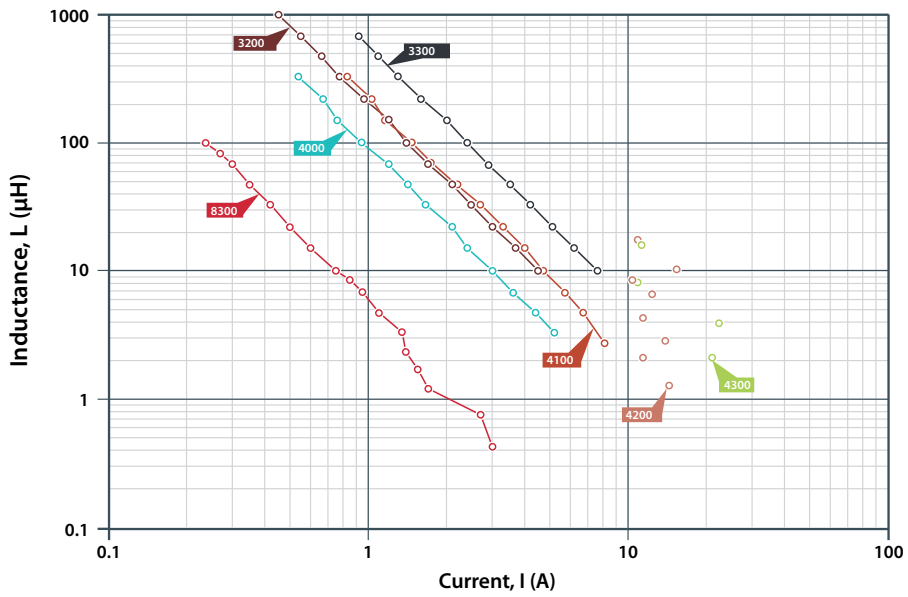
| Series | Package | Page |
|--------|---------|------|
| 2300 | | 11 |
| 2300S | | |
| 2400 | | 12 |
| 2400S | | |
| 2600 | | 10 |
| 2600S | | |
| 2700 | | 10 |
| 2700T | | |



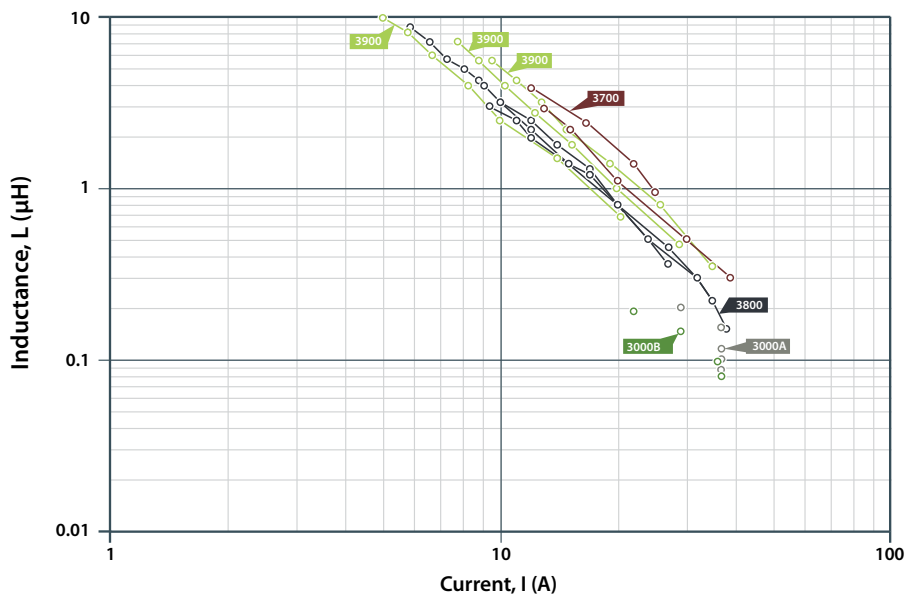
| Series | Package | Page |
|--------|---------|------|
| 2800 | | 13 |
| 2900L | | 10 |
| 2900 | | 11 |
| 3400L | | 9 |
| 3400 | | 10 |
| 3500 | | 17 |
| 3600 | | |
| 6000A | | 18 |
| 6000B | | |
| 8200 | | 9 |
| 8400 | | |



| Series | Package | Page |
|--------|---------|------|
| 4500 | | 13 |
| 4600 | | |
| 4700S | | 14 |
| 4700 | | |
| 4800S | | |
| 4800 | | |
| 4900S | | 15 |
| 4900 | | |



| Series | Package | Page |
|--------|---------|------|
| 3200 | | 15 |
| 3300 | | |
| 4000 | | 16 |
| 4100 | | |
| 4200 | | |
| 4300 | | |
| 8300 | | 15 |



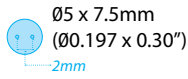
| Series | Package | Page |
|--------|---------|------|
| 3000A | | 18 |
| 3000B | | |
| 3700 | | 17 |
| 3800 | | |
| 3900 | | 18 |

Inductors

**THROUGH HOLE
UNSHIELDED**

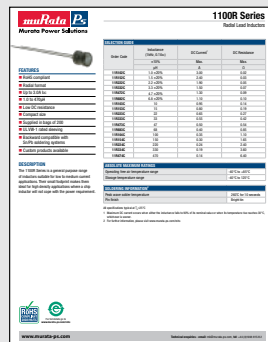
1100R Series

| | |
|------------------------|--------------------------|
| Inductance: | 1μH - 470μH |
| Current: | Up to 3.0A _{DC} |
| Operating temp: | -40 to +85°C |
| Height: | 7.5mm (0.30") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 1.0 | 3.00 | 0.02 | 11R102C |
| 1.5 | 2.40 | 0.03 | 11R152C |
| 2.2 | 1.90 | 0.05 | 11R222C |
| 3.3 | 1.50 | 0.07 | 11R332C |
| 4.7 | 1.30 | 0.09 | 11R472C |
| 6.8 | 1.10 | 0.10 | 11R682C |
| 10 | 0.95 | 0.14 | 11R103C |
| 15 | 0.80 | 0.19 | 11R153C |
| 22 | 0.65 | 0.27 | 11R223C |
| 33 | 0.55 | 0.42 | 11R333C |
| 47 | 0.50 | 0.54 | 11R473C |
| 68 | 0.40 | 0.85 | 11R683C |
| 100 | 0.35 | 1.10 | 11R104C |
| 150 | 0.30 | 1.65 | 11R154C |
| 220 | 0.24 | 2.40 | 11R224C |
| 330 | 0.19 | 3.60 | 11R334C |
| 470 | 0.14 | 6.40 | 11R474C |

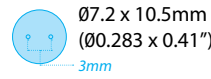
Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_1100r.pdf



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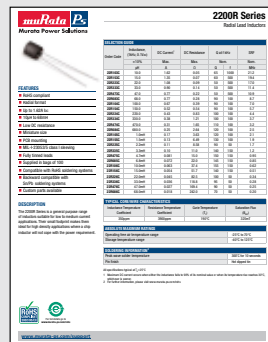
2200R Series

| | |
|------------------------|---------------------------|
| Inductance: | 10μH - 68mH |
| Current: | Up to 1.62A _{DC} |
| Operating temp: | -25 to +70°C |
| Height: | 10.5mm (0.41") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 10 | 1.62 | 0.05 | 22R103C |
| 15 | 1.35 | 0.07 | 22R153C |
| 22 | 1.08 | 0.09 | 22R223C |
| 33 | 0.90 | 0.14 | 22R333C |
| 47 | 0.77 | 0.22 | 22R473C |
| 68 | 0.77 | 0.28 | 22R683C |
| 100 | 0.67 | 0.39 | 22R104C |
| 150 | 0.52 | 0.54 | 22R154C |
| 220 | 0.43 | 0.83 | 22R224C |
| 330 | 0.38 | 1.21 | 22R334C |
| 470 | 0.31 | 1.65 | 22R474C |
| 680 | 0.25 | 2.64 | 22R684C |
| 1mH | 0.17 | 3.63 | 22R105C |
| 1.5mH | 0.13 | 6.49 | 22R155C |
| 2.2mH | 0.11 | 8.58 | 22R225C |
| 3.3mH | 0.10 | 11.0 | 22R335C |
| 4.7mH | 0.081 | 15.0 | 22R475C |
| 6.8mH | 0.072 | 22.0 | 22R685C |
| 10mH | 0.063 | 37.4 | 22R106C |
| 15mH | 0.054 | 51.7 | 22R156C |
| 22mH | 0.045 | 82.5 | 22R226C |
| 33mH | 0.036 | 118.8 | 22R336C |
| 47mH | 0.027 | 169.4 | 22R476C |
| 68mH | 0.018 | 242.0 | 22R686C |

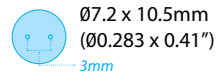
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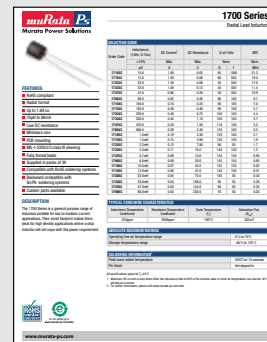
1700 Series

| | |
|------------------------|--------------------------|
| Inductance: | 10μH - 68mH |
| Current: | Up to 1.8A _{DC} |
| Operating temp: | 0 to +70°C |
| Height: | 10.5mm (0.41") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 10 | 1.80 | 0.05 | 17103C |
| 15 | 1.50 | 0.06 | 17153C |
| 22 | 1.20 | 0.08 | 17223C |
| 33 | 1.00 | 0.13 | 17333C |
| 47 | 0.86 | 0.20 | 17473C |
| 68 | 0.85 | 0.26 | 17683C |
| 100 | 0.74 | 0.35 | 17104C |
| 150 | 0.58 | 0.49 | 17154C |
| 220 | 0.48 | 0.75 | 17224C |
| 330 | 0.42 | 1.10 | 17334C |
| 470 | 0.34 | 1.50 | 17474C |
| 680 | 0.28 | 2.40 | 17684C |
| 1mH | 0.19 | 3.30 | 17105C |
| 1.5mH | 0.15 | 5.90 | 17155C |
| 2.2mH | 0.12 | 7.80 | 17225C |
| 3.3mH | 0.11 | 10.0 | 17335C |
| 4.7mH | 0.09 | 13.6 | 17475C |
| 6.8mH | 0.08 | 20.0 | 17685C |
| 10mH | 0.07 | 34.0 | 17106C |
| 15mH | 0.06 | 47.0 | 17156C |
| 22mH | 0.05 | 75.0 | 17226C |
| 33mH | 0.04 | 108.0 | 17336C |
| 47mH | 0.03 | 154.0 | 17476C |
| 68mH | 0.02 | 220.0 | 17686C |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_1700.pdf

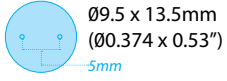


**THROUGH HOLE
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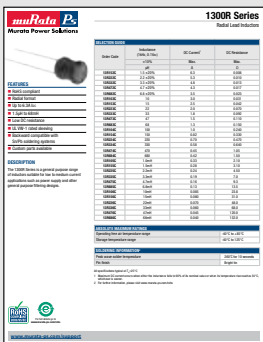
1300R Series

| | |
|------------------------|--------------------------|
| Inductance: | 1.5μH - 68mH |
| Current: | Up to 6.3A _{DC} |
| Operating temp: | -40 to +85°C |
| Height: | 13.5mm (0.53") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 1.5 | 6.3 | 0.008 | 13R152C |
| 2.2 | 5.3 | 0.010 | 13R222C |
| 3.3 | 4.8 | 0.013 | 13R332C |
| 4.7 | 4.3 | 0.017 | 13R472C |
| 6.8 | 3.5 | 0.023 | 13R682C |
| 10 | 3.0 | 0.031 | 13R103C |
| 15 | 2.5 | 0.042 | 13R153C |
| 22 | 2.0 | 0.070 | 13R223C |
| 33 | 1.8 | 0.092 | 13R333C |
| 47 | 1.5 | 0.110 | 13R473C |
| 68 | 1.3 | 0.150 | 13R683C |
| 100 | 1.0 | 0.240 | 13R104C |
| 150 | 0.82 | 0.330 | 13R154C |
| 220 | 0.70 | 0.470 | 13R224C |
| 330 | 0.58 | 0.640 | 13R334C |
| 470 | 0.45 | 1.05 | 13R474C |
| 680 | 0.42 | 1.50 | 13R684C |
| 1mH | 0.33 | 2.10 | 13R105C |
| 1.5mH | 0.28 | 3.10 | 13R155C |
| 2.2mH | 0.24 | 4.50 | 13R225C |
| 3.3mH | 0.19 | 7.0 | 13R335C |
| 4.7mH | 0.16 | 9.3 | 13R475C |
| 6.8mH | 0.13 | 13.5 | 13R685C |
| 10mH | 0.085 | 23.8 | 13R106C |
| 15mH | 0.080 | 31.0 | 13R156C |
| 22mH | 0.070 | 48.0 | 13R226C |
| 33mH | 0.060 | 68.0 | 13R336C |
| 47mH | 0.045 | 120.0 | 13R476C |
| 68mH | 0.040 | 152.0 | 13R686C |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_1300r.pdf

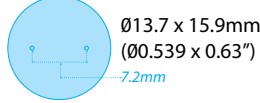


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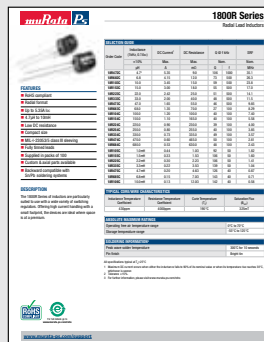
1800R Series

| | |
|------------------------|---------------------------|
| Inductance: | 4.7μH - 10mH |
| Current: | Up to 5.35A _{DC} |
| Operating temp: | 0 to +70°C |
| Height: | 15.9mm (0.63") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 4.7 | 5.35 | 9.0 | 18R472C |
| 6.8 | 4.15 | 12.0 | 18R682C |
| 10 | 3.45 | 15.0 | 18R103C |
| 15 | 3.00 | 18.0 | 18R153C |
| 22 | 2.42 | 25.0 | 18R223C |
| 33 | 2.00 | 40.0 | 18R333C |
| 47 | 1.65 | 55.0 | 18R473C |
| 68 | 1.35 | 70.0 | 18R683C |
| 100 | 1.20 | 100.0 | 18R104C |
| 150 | 1.10 | 165.0 | 18R154C |
| 220 | 0.90 | 230.0 | 18R224C |
| 250 | 0.80 | 255.0 | 18R254C |
| 330 | 0.73 | 335.0 | 18R334C |
| 470 | 0.60 | 465.0 | 18R474C |
| 680 | 0.53 | 630.0 | 18R684C |
| 1.0mH | 0.44 | 1.0Ω | 18R105C |
| 1.5mH | 0.33 | 1.5Ω | 18R155C |
| 2.2mH | 0.30 | 2.2Ω | 18R225C |
| 3.3mH | 0.22 | 3.5Ω | 18R335C |
| 4.7mH | 0.20 | 4.6Ω | 18R475C |
| 6.8mH | 0.15 | 7.0Ω | 18R685C |
| 10mH | 0.13 | 12.0Ω | 18R106C |

Download full datasheet:
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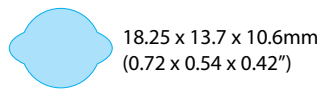


**THROUGH HOLE
UNSHIELDED**



1800 Series

| | |
|------------------------|---------------------------|
| Inductance: | 4.7μH - 10mH |
| Current: | Up to 5.35A _{DC} |
| Operating temp: | 0 to +70°C |
| Height: | 10.6mm (0.42") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 4.7 | 5.35 | 9.0 | 18472C |
| 6.8 | 4.15 | 12.0 | 18682C |
| 10 | 3.45 | 15.0 | 18103C |
| 15 | 3.00 | 18.0 | 18153C |
| 22 | 2.42 | 25.0 | 18223C |
| 33 | 2.00 | 40.0 | 18333C |
| 47 | 1.65 | 55.0 | 18473C |
| 68 | 1.35 | 70.0 | 18683C |
| 100 | 1.20 | 100.0 | 18104C |
| 150 | 1.10 | 165.0 | 18154C |
| 220 | 0.90 | 230.0 | 18224C |
| 250 | 0.80 | 255.0 | 18254C |
| 330 | 0.73 | 335.0 | 18334C |
| 470 | 0.60 | 465.0 | 18474C |
| 680 | 0.53 | 630.0 | 18684C |
| 1.0mH | 0.44 | 1.0Ω | 18105C |
| 1.5mH | 0.33 | 1.5Ω | 18155C |
| 2.2mH | 0.30 | 2.2Ω | 18225C |
| 3.3mH | 0.22 | 3.5Ω | 18335C |
| 4.7mH | 0.20 | 4.6Ω | 18475C |
| 6.8mH | 0.15 | 7.0Ω | 18685C |
| 10mH | 0.13 | 12.0Ω | 18106C |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_1800.pdf

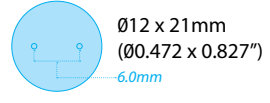


**THROUGH HOLE
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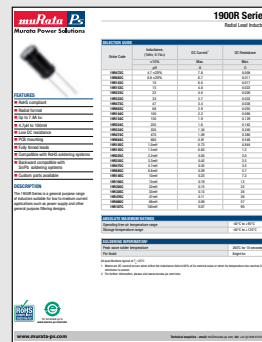
1900R Series

| | |
|------------------------|--------------------------|
| Inductance: | 4.7μH - 100mH |
| Current: | Up to 7.8A _{DC} |
| Operating temp: | -40°C to +95°C |
| Height: | 21mm (0.827") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 4.7 | 7.8 | 0.008 | 19R472C |
| 6.8 | 6.7 | 0.011 | 19R682C |
| 10 | 6.0 | 0.017 | 19R103C |
| 15 | 4.8 | 0.022 | 19R153C |
| 22 | 4.0 | 0.026 | 19R223C |
| 33 | 3.7 | 0.032 | 19R333C |
| 47 | 3.4 | 0.038 | 19R473C |
| 68 | 2.9 | 0.055 | 19R683C |
| 100 | 2.2 | 0.090 | 19R104C |
| 150 | 1.9 | 0.129 | 19R154C |
| 220 | 1.6 | 0.162 | 19R224C |
| 330 | 1.34 | 0.240 | 19R334C |
| 470 | 1.09 | 0.380 | 19R474C |
| 680 | 0.91 | 0.548 | 19R684C |
| 1mH | 0.73 | 0.844 | 19R105C |
| 1.5mH | 0.63 | 1.2 | 19R155C |
| 2.2mH | 0.50 | 2.0 | 19R225C |
| 3.3mH | 0.42 | 2.5 | 19R335C |
| 4.7mH | 0.35 | 3.5 | 19R475C |
| 6.8mH | 0.29 | 5.7 | 19R685C |
| 10mH | 0.23 | 7.3 | 19R106C |
| 15mH | 0.19 | 12 | 19R156C |
| 22mH | 0.15 | 22 | 19R226C |
| 33mH | 0.13 | 26 | 19R336C |
| 47mH | 0.11 | 36 | 19R476C |
| 68mH | 0.09 | 57 | 19R686C |
| 100mH | 0.07 | 90 | 19R107C |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_1900r.pdf

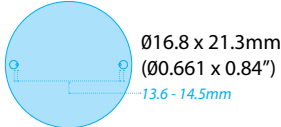


**THROUGH HOLE
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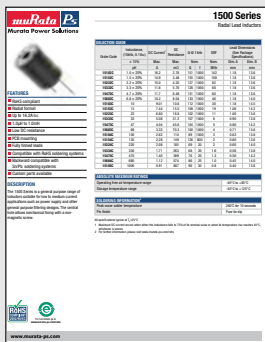
1500 Series

| | |
|------------------------|---------------------------|
| Inductance: | 1.0μH to 1.0mH |
| Current: | Up to 16.2A _{DC} |
| Operating temp: | -40 to +85°C |
| Height: | 21.3mm (0.84") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 1.0 | 16.2 | 2.76 | 15102C |
| 1.5 | 14.9 | 3.48 | 15152C |
| 2.2 | 15.0 | 4.20 | 15222C |
| 3.3 | 11.8 | 5.76 | 15332C |
| 4.7 | 11.7 | 6.48 | 15472C |
| 6.8 | 10.2 | 8.04 | 15682C |
| 10 | 9.01 | 10.6 | 15103C |
| 15 | 7.44 | 15.5 | 15153C |
| 22 | 6.80 | 18.8 | 15223C |
| 33 | 5.08 | 31.2 | 15333C |
| 47 | 4.04 | 45.6 | 15473C |
| 68 | 3.33 | 70.3 | 15683C |
| 100 | 2.62 | 110 | 15104C |
| 150 | 2.28 | 149 | 15154C |
| 220 | 2.08 | 185 | 15224C |
| 330 | 1.71 | 263 | 15334C |
| 470 | 1.40 | 389 | 15474C |
| 680 | 1.12 | 574 | 15684C |
| 1mH | 0.91 | 887 | 15105C |

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kmp_1500.pdf

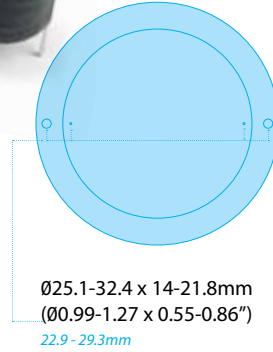


**THROUGH HOLE
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1400 Series

| | |
|------------------------|---------------------------------|
| Inductance: | 10μH - 22mH |
| Current: | Up to 13A _{DC} |
| Operating temp: | -40 to +85°C |
| Height: | 14.0 - 21.8mm (0.55 - 0.86") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 10 | 13 | 0.007 | 1410313C |
| 15 | 12 | 0.009 | 1415312C |
| 22 | 11 | 0.011 | 1422311C |
| 33 | 9.3 | 0.015 | 1433393C |
| 47 | 8.3 | 0.019 | 1447383C |
| 47 | 8.5 | 0.021 | 1447385C |
| 68 | 6.2 | 0.032 | 1468362C |
| 68 | 7.3 | 0.022 | 1468373C |
| 100 | 5.4 | 0.046 | 1410454C |
| 100 | 6.0 | 0.033 | 1410460C |
| 100 | 7.8 | 0.040 | 1410478C |
| 150 | 4.0 | 0.069 | 1415440C |
| 150 | 4.9 | 0.051 | 1415449C |
| 150 | 6.5 | 0.042 | 1415465C |
| 220 | 3.5 | 0.096 | 1422435C |
| 220 | 4.1 | 0.073 | 1422441C |
| 220 | 5.5 | 0.062 | 1422455C |
| 300 | 3.0 | 0.140 | 1430430C |
| 300 | 3.3 | 0.100 | 1430433C |
| 300 | 5.0 | 0.080 | 1430450C |
| 330 | 2.8 | 0.150 | 1433428C |
| 330 | 3.3 | 0.107 | 1433433C |
| 330 | 4.5 | 0.091 | 1433445C |
| 470 | 2.3 | 0.222 | 1447423C |
| 470 | 2.7 | 0.149 | 1447427C |
| 470 | 4.0 | 0.125 | 1447440C |
| 680 | 2.0 | 0.276 | 1468420C |
| 680 | 2.2 | 0.226 | 1468422C |
| 680 | 3.1 | 0.173 | 1468431C |
| 1mH | 1.6 | 0.419 | 1410516C |
| 1mH | 1.7 | 0.336 | 1410517C |
| 1mH | 2.4 | 0.277 | 1410524C |

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www.murata-ps.com/data/magnetics/
kmp_1400.pdf

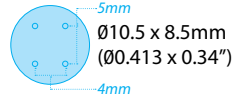


**THROUGH HOLE
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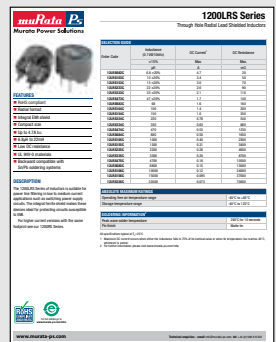
1200LRS Series

| | |
|------------------------|--------------------------|
| Inductance: | 6.8μH - 22mH |
| Current: | Up to 4.7A _{DC} |
| Operating temp: | -40 to +85°C |
| Height: | 8.5mm (0.34") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 6.8 | 4.7 | 20 | 12LRS682C |
| 10 | 3.4 | 50 | 12LRS103C |
| 15 | 3.0 | 70 | 12LRS153C |
| 22 | 2.6 | 90 | 12LRS223C |
| 33 | 2.1 | 110 | 12LRS333C |
| 47 | 1.7 | 140 | 12LRS473C |
| 68 | 1.6 | 160 | 12LRS683C |
| 100 | 1.4 | 200 | 12LRS104C |
| 150 | 1.0 | 350 | 12LRS154C |
| 220 | 0.78 | 540 | 12LRS224C |
| 330 | 0.63 | 860 | 12LRS334C |
| 470 | 0.53 | 1230 | 12LRS474C |
| 680 | 0.50 | 1650 | 12LRS684C |
| 1mH | 0.40 | 2300 | 12LRS105C |
| 1.5mH | 0.31 | 3400 | 12LRS155C |
| 2.2mH | 0.28 | 4600 | 12LRS225C |
| 3.3mH | 0.20 | 8700 | 12LRS335C |
| 4.7mH | 0.18 | 10500 | 12LRS475C |
| 6.8mH | 0.15 | 15000 | 12LRS685C |
| 10mH | 0.12 | 24000 | 12LRS106C |
| 15mH | 0.095 | 37000 | 12LRS156C |
| 22mH | 0.073 | 70000 | 12LRS226C |

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kmp_1200lrs.pdf

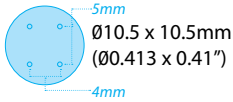


**THROUGH HOLE
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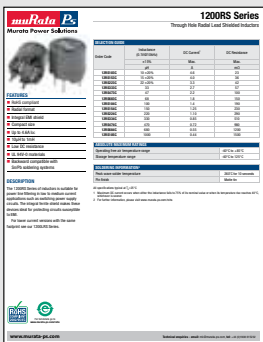
1200RS Series

| | |
|------------------------|--------------------------|
| Inductance: | 10μH - 1mH |
| Current: | Up to 4.6A _{DC} |
| Operating temp: | -40 to +85°C |
| Height: | 10.5mm (0.41") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 10 | 4.6 | 23 | 12RS103C |
| 15 | 4.0 | 36 | 12RS153C |
| 22 | 3.3 | 42 | 12RS223C |
| 33 | 2.7 | 57 | 12RS333C |
| 47 | 2.2 | 100 | 12RS473C |
| 68 | 1.8 | 150 | 12RS683C |
| 100 | 1.4 | 190 | 12RS104C |
| 150 | 1.25 | 230 | 12RS154C |
| 220 | 1.10 | 290 | 12RS224C |
| 330 | 0.85 | 510 | 12RS334C |
| 470 | 0.72 | 980 | 12RS474C |
| 680 | 0.55 | 1200 | 12RS684C |
| 1mH | 0.44 | 1500 | 12RS105C |

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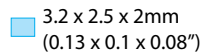


**SURFACE MOUNT
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8200 Series

| | |
|------------------------|--------------------------|
| Inductance: | 1.0μH - 470μH |
| Current: | Up to 2.0A _{DC} |
| Operating temp: | -40 to +85°C |
| Height: | 2mm (0.08") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 1.0 | 2.0 | 0.058 | 82102C |
| 1.5 | 1.4 | 0.068 | 82152C |
| 2.2 | 1.1 | 0.104 | 82222C |
| 3.3 | 0.95 | 0.138 | 82332C |
| 4.7 | 0.80 | 0.190 | 82472C |
| 6.8 | 0.64 | 0.270 | 82682C |
| 10 | 0.50 | 0.400 | 82103C |
| 15 | 0.40 | 0.560 | 82153C |
| 22 | 0.32 | 0.920 | 82223C |
| 33 | 0.27 | 1.30 | 82333C |
| 47 | 0.25 | 1.69 | 82473C |
| 68 | 0.20 | 2.55 | 82683C |
| 100 | 0.16 | 3.5 | 82104C |
| 150 | 0.13 | 5.9 | 82154C |
| 220 | 0.10 | 8.0 | 82224C |
| 330 | 0.08 | 13.5 | 82334C |
| 470 | 0.07 | 16.8 | 82474C |

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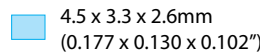


**SURFACE MOUNT
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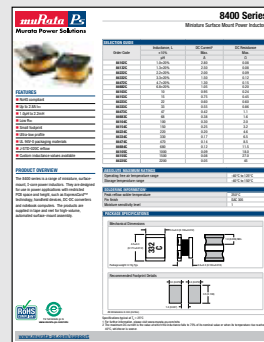
8400 Series

| | |
|------------------------|--------------------------|
| Inductance: | 1μH - 2.2mH |
| Current: | Up to 2.8A _{DC} |
| Operating temp: | -40 to +125°C |
| Height: | 2.6mm (0.102") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 1.0 | 2.8 | 0.08 | 84102C |
| 1.3 | 2.5 | 0.08 | 84132C |
| 2.2 | 2 | 0.09 | 84222C |
| 3.3 | 1.5 | 0.12 | 84332C |
| 4.7 | 1.3 | 0.15 | 84472C |
| 6.8 | 1.05 | 0.2 | 84682C |
| 10 | 0.95 | 0.24 | 84103C |
| 15 | 0.75 | 0.45 | 84153C |
| 22 | 0.6 | 0.6 | 84223C |
| 33 | 0.55 | 0.86 | 84333C |
| 47 | 0.42 | 1.1 | 84473C |
| 68 | 0.38 | 1.6 | 84683C |
| 100 | 0.3 | 2 | 84104C |
| 150 | 0.25 | 3.2 | 84154C |
| 220 | 0.2 | 4.6 | 84224C |
| 330 | 0.17 | 6.5 | 84334C |
| 470 | 0.14 | 8.5 | 84474C |
| 680 | 0.12 | 11.5 | 84684C |
| 1000 | 0.09 | 18 | 84105C |
| 1500 | 0.08 | 27 | 84155C |
| 2200 | 0.05 | 45 | 84225C |

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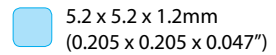


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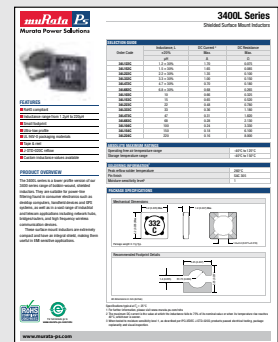
3400L Series

| | |
|------------------------|--------------------------|
| Inductance: | 1.2μH - 220μH |
| Current: | Up to 1.7A _{DC} |
| Operating temp: | -40° to 125°C |
| Height: | 1.2mm (0.047") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 1.2 | 1.7 | 0.075 | 34L122C |
| 1.5 | 1.65 | 0.085 | 34L152C |
| 2.2 | 1.35 | 0.1 | 34L222C |
| 3.3 | 1 | 0.15 | 34L332C |
| 4.7 | 0.7 | 0.18 | 34L472C |
| 6.8 | 0.68 | 0.265 | 34L682C |
| 10 | 0.66 | 0.325 | 34L103C |
| 15 | 0.65 | 0.52 | 34L153C |
| 22 | 0.48 | 0.78 | 34L223C |
| 33 | 0.36 | 1.18 | 34L333C |
| 47 | 0.31 | 1.82 | 34L473C |
| 68 | 0.28 | 2.13 | 34L683C |
| 100 | 0.24 | 3.33 | 34L104C |
| 150 | 0.18 | 6.1 | 34L154C |
| 220 | 0.16 | 8 | 34L224C |

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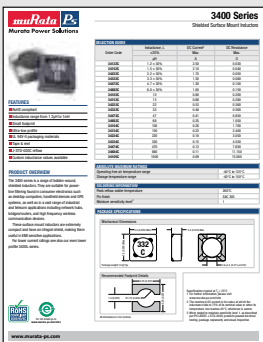
3400 Series

| | |
|------------------------|--------------------------|
| Inductance: | 1.2μH - 1mH |
| Current: | Up to 2.5A _{DC} |
| Operating temp: | -40° to 125°C |
| Height: | 2.0mm (0.079") |

5.2 x 5.2 x 2.0mm
(0.205 x 0.205 x 0.079")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| | | | |
| 1.2 | 2.5 | 0.03 | 34122C |
| 1.5 | 2.1 | 0.04 | 34152C |
| 2.2 | 1.7 | 0.05 | 34222C |
| 3.3 | 1.5 | 0.08 | 34332C |
| 4.7 | 1.3 | 0.1 | 34472C |
| 6.8 | 1 | 0.15 | 34682C |
| 10 | 0.8 | 0.2 | 34103C |
| 15 | 0.68 | 0.28 | 34153C |
| 22 | 0.53 | 0.36 | 34223C |
| 33 | 0.48 | 0.56 | 34333C |
| 47 | 0.41 | 0.85 | 34473C |
| 68 | 0.35 | 1.05 | 34683C |
| 100 | 0.28 | 1.7 | 34104C |
| 150 | 0.23 | 2.4 | 34154C |
| 220 | 0.18 | 3.05 | 34224C |
| 330 | 0.15 | 4.55 | 34334C |
| 470 | 0.13 | 7.65 | 34474C |
| 680 | 0.11 | 11.15 | 34684C |
| 1000 | 0.09 | 15 | 34105C |

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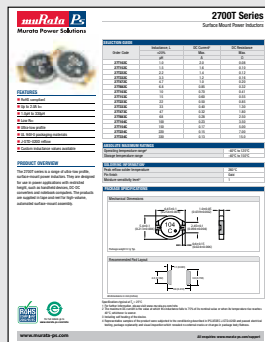
2700T Series

| | |
|------------------------|----------------|
| Inductance: | 1μH - 330μH |
| Current: | 130mA - 2A |
| Operating temp: | -40°C to 125°C |
| Height: | 1.0mm (0.039") |

6.45 x 5.4 x 1.0mm
(0.254 x 0.213 x 0.05")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| | | | |
| 1 | 2 | 0.08 | 27T102C |
| 1.5 | 1.6 | 0.1 | 27T152C |
| 2.2 | 1.4 | 0.12 | 27T222C |
| 3.3 | 1.2 | 0.16 | 27T332C |
| 4.7 | 1 | 0.2 | 27T472C |
| 6.8 | 0.85 | 0.32 | 27T682C |
| 10 | 0.7 | 0.41 | 27T103C |
| 15 | 0.6 | 0.55 | 27T153C |
| 22 | 0.5 | 0.85 | 27T223C |
| 33 | 0.4 | 1.3 | 27T333C |
| 47 | 0.32 | 1.8 | 27T473C |
| 68 | 0.28 | 2.5 | 27T683C |
| 100 | 0.23 | 3.5 | 27T104C |
| 150 | 0.17 | 5 | 27T154C |
| 220 | 0.15 | 7 | 27T224C |
| 330 | 0.13 | 15 | 27T334C |

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**SURFACE MOUNT
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2700 Series

| | |
|------------------------|-----------------|
| Inductance: | 4.7μH - 1mH |
| Current: | 110mA - 1.6A |
| Operating temp: | -40°C to 125°C |
| Height: | 1.65mm (0.065") |

9.0 x 7.7 x 1.65mm
(0.354 x 0.303 x 0.065")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| | | | |
| 4.7 | 1.6 | 0.1 | 27472C |
| 6.8 | 1.4 | 0.13 | 27682C |
| 10 | 1.1 | 0.15 | 27103C |
| 15 | 0.9 | 0.23 | 27153C |
| 22 | 0.75 | 0.3 | 27223C |
| 33 | 0.6 | 0.45 | 27333C |
| 47 | 0.5 | 0.7 | 27473C |
| 68 | 0.42 | 0.9 | 27683C |
| 100 | 0.35 | 1.3 | 27104C |
| 150 | 0.28 | 2 | 27154C |
| 220 | 0.24 | 3 | 27224C |
| 330 | 0.19 | 4.5 | 27334C |
| 470 | 0.16 | 6.5 | 27474C |
| 680 | 0.14 | 8.5 | 27684C |
| 1000 | 0.11 | 14 | 27105C |

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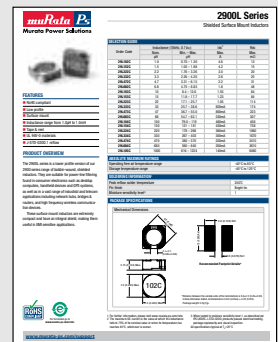
2900L Series

| | |
|------------------------|-----------------|
| Inductance: | 1μH - 1mH |
| Current: | 140mA - 4.6A |
| Operating temp: | -40°C to 85°C |
| Height: | 3.15mm (0.124") |

7.2 x 7.2 x 3.15mm
(0.283 x 0.283 x 0.124")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| | | | |
| 1 | 4600 | 13 | 29L102C |
| 1.5 | 4200 | 15 | 29L152C |
| 2.2 | 3000 | 20 | 29L222C |
| 3.3 | 2600 | 25 | 29L332C |
| 4.7 | 2200 | 31 | 29L472C |
| 6.8 | 1800 | 48 | 29L682C |
| 10 | 1550 | 64 | 29L103C |
| 15 | 1230 | 84 | 29L153C |
| 22 | 1050 | 114 | 29L223C |
| 33 | 820 | 174 | 29L333C |
| 47 | 800 | 223 | 29L473C |
| 68 | 530 | 307 | 29L683C |
| 100 | 480 | 456 | 29L104C |
| 150 | 430 | 738 | 29L154C |
| 220 | 360 | 1060 | 29L224C |
| 330 | 300 | 1670 | 29L334C |
| 470 | 220 | 2410 | 29L474C |
| 680 | 200 | 3610 | 29L684C |
| 1000 | 140 | 6480 | 29L105C |

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2900 Series

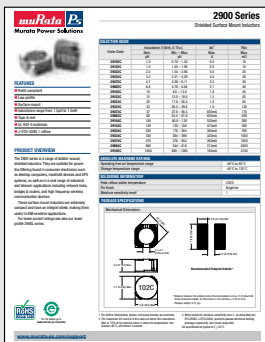
| | |
|------------------------|----------------|
| Inductance: | 1μH - 1mH |
| Current: | 180mA - 6.0A |
| Operating temp: | -40°C to 85°C |
| Height: | 4.0mm (0.157") |

7.2 x 7.2 x 4.0mm
(0.283 x 0.283 x 0.157")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | mA | mΩ | |
| 1 | 6000 | 16 | 29102C |
| 1.5 | 5500 | 18 | 29152C |
| 2.2 | 5000 | 20 | 29222C |
| 3.3 | 4000 | 28 | 29332C |
| 4.7 | 2300 | 30 | 29472C |
| 6.8 | 2100 | 40 | 29682C |
| 10 | 1800 | 45 | 29103C |
| 15 | 1500 | 65 | 29153C |
| 22 | 1200 | 85 | 29223C |
| 33 | 1000 | 120 | 29333C |
| 47 | 850 | 170 | 29473C |
| 68 | 650 | 250 | 29683C |
| 100 | 530 | 360 | 29104C |
| 150 | 470 | 500 | 29154C |
| 220 | 380 | 760 | 29224C |
| 330 | 320 | 1000 | 29334C |
| 470 | 260 | 1600 | 29474C |
| 680 | 210 | 2400 | 29684C |
| 1000 | 180 | 4100 | 29105C |

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**SURFACE MOUNT
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2300 Series

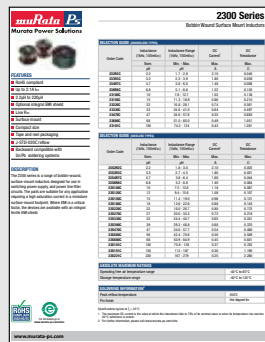
| | |
|------------------------|----------------|
| Inductance: | 2.2μH - 100μH |
| Current: | 430mA - 2.1A |
| Operating temp: | -40°C to 85°C |
| Height: | 3.2mm (0.126") |

4.5 x 4.0 x 3.2mm
(0.177 x 0.157 x 0.126")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 2.2 | 2.1 | 0.04 | 232R2C |
| 3.3 | 1.8 | 0.058 | 233R3C |
| 4.7 | 1.48 | 0.068 | 234R7C |
| 6.8 | 1.22 | 0.102 | 236R8C |
| 10 | 1.02 | 0.138 | 23100C |
| 15 | 0.86 | 0.21 | 23150C |
| 22 | 0.74 | 0.361 | 23220C |
| 33 | 0.64 | 0.497 | 23330C |
| 47 | 0.55 | 0.683 | 23470C |
| 68 | 0.49 | 1.051 | 23680C |
| 100 | 0.43 | 1.281 | 23101C |

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**SURFACE MOUNT
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2300 Series

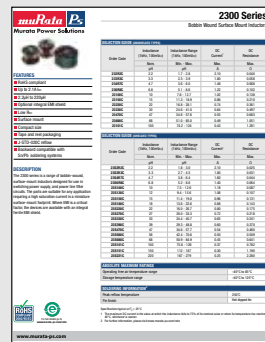
| | |
|------------------------|----------------|
| Inductance: | 2.2μH - 220μH |
| Current: | 250mA - 2.1A |
| Operating temp: | -40°C to 85°C |
| Height: | 3.2mm (0.126") |

6.2 x 5.6 x 3.2mm
(0.244 x 0.220 x 0.126")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 2.2 | 2.1 | 0.025 | 2352R2C |
| 3.3 | 1.8 | 0.031 | 2353R3C |
| 4.7 | 1.6 | 0.044 | 2354R7C |
| 6.8 | 1.4 | 0.064 | 2356R8C |
| 10 | 1.18 | 0.087 | 235100C |
| 12 | 1.08 | 0.107 | 235120C |
| 15 | 0.96 | 0.131 | 235150C |
| 18 | 0.88 | 0.143 | 235180C |
| 22 | 0.8 | 0.175 | 235220C |
| 27 | 0.72 | 0.218 | 235270C |
| 33 | 0.65 | 0.241 | 235330C |
| 39 | 0.6 | 0.37 | 235390C |
| 47 | 0.54 | 0.46 | 235470C |
| 56 | 0.5 | 0.509 | 235560C |
| 68 | 0.45 | 0.641 | 235680C |
| 100 | 0.37 | 0.782 | 235101C |
| 150 | 0.3 | 1.19 | 235151C |
| 220 | 0.25 | 2.28 | 235221C |

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**SURFACE MOUNT
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2400 Series

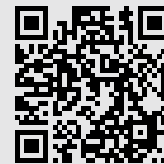
| | |
|------------------------|----------------|
| Inductance: | 2.7μH - 220μH |
| Current: | 350mA - 2.6A |
| Operating temp: | -40°C to 85°C |
| Height: | 4.5mm (0.177") |

5.8 x 5.2 x 4.5mm
(0.228 x 0.205 x 0.177")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 2.7 | 2.6 | 39 | 242R7C |
| 3.3 | 2.4 | 42 | 243R3C |
| 4.7 | 2.1 | 50 | 244R7C |
| 6.8 | 1.75 | 61 | 246R8C |
| 10 | 1.44 | 100 | 24100C |
| 12 | 1.36 | 100 | 24120C |
| 15 | 1.3 | 120 | 24150C |
| 18 | 1.26 | 150 | 24180C |
| 22 | 1.11 | 180 | 24220C |
| 33 | 0.88 | 230 | 24330C |
| 47 | 0.72 | 370 | 24470C |
| 68 | 0.61 | 460 | 24680C |
| 100 | 0.52 | 700 | 24101C |
| 150 | 0.4 | 1100 | 24151C |
| 220 | 0.35 | 1570 | 24221C |

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**SURFACE MOUNT
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2400 Series

| | |
|------------------------|----------------|
| Inductance: | 2.7μH - 220μH |
| Current: | 350mA - 3.1A |
| Operating temp: | -40°C to 85°C |
| Height: | 4.5mm (0.177") |

7.7 x 7.1 x 4.5mm
(0.303 x 0.280 x 0.177")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 2.7 | 3.1 | 28 | 24S2R7C |
| 3.3 | 2.8 | 32 | 24S3R3C |
| 4.7 | 2.39 | 37 | 24S4R7C |
| 6.8 | 2 | 45 | 24S6R8C |
| 10 | 1.64 | 70 | 24S100C |
| 12 | 1.5 | 74 | 24S120C |
| 15 | 1.34 | 90 | 24S150C |
| 18 | 1.22 | 91 | 24S180C |
| 22 | 1.1 | 120 | 24S220C |
| 33 | 0.9 | 190 | 24S330C |
| 47 | 0.75 | 240 | 24S470C |
| 68 | 0.63 | 370 | 24S680C |
| 100 | 0.52 | 540 | 24S101C |
| 150 | 0.42 | 860 | 24S151C |
| 220 | 0.35 | 1310 | 24S221C |

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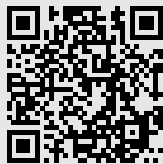
2600 Series

| | |
|------------------------|---------------|
| Inductance: | 3.3μH - 680μH |
| Current: | 280mA - 4.4A |
| Operating temp: | -40°C to 85°C |
| Height: | 5.4mm (0.21") |

9.0 x 10.0 x 5.4mm
(0.35 x 0.39 x 0.21")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 3.3 | 4.4 | 35 | 263R3C |
| 4.7 | 3.6 | 45 | 264R7C |
| 6.8 | 3.1 | 54 | 266R8C |
| 10 | 2.6 | 60 | 26100C |
| 12 | 2.42 | 68 | 26120C |
| 15 | 2.27 | 90 | 26150C |
| 18 | 2.1 | 87 | 26180C |
| 22 | 1.95 | 100 | 26220C |
| 33 | 1.5 | 120 | 26330C |
| 47 | 1.28 | 170 | 26470C |
| 68 | 1.11 | 220 | 26680C |
| 100 | 0.97 | 350 | 26101C |
| 150 | 0.78 | 470 | 26151C |
| 220 | 0.66 | 730 | 26221C |
| 330 | 0.52 | 1150 | 26331C |
| 470 | 0.42 | 1480 | 26471C |
| 680 | 0.28 | 2250 | 26681C |

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**SURFACE MOUNT
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2600 Series

| | |
|------------------------|---------------|
| Inductance: | 3.3μH - 680μH |
| Current: | 400mA - 4.6A |
| Operating temp: | -40°C to 85°C |
| Height: | 5.4mm (0.21") |

12.6 x 11.6 x 5.4
(0.496 x 0.46 x 0.21")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 3.3 | 4.6 | 33 | 2653R3C |
| 4.7 | 3.8 | 38 | 2654R7C |
| 6.8 | 3.21 | 43 | 2656R8C |
| 10 | 2.65 | 50 | 265100C |
| 12 | 2.55 | 58 | 265120C |
| 15 | 2.45 | 60 | 265150C |
| 18 | 2.32 | 74 | 265180C |
| 22 | 2.2 | 70 | 265220C |
| 33 | 1.8 | 100 | 265330C |
| 47 | 1.5 | 120 | 265470C |
| 68 | 1.26 | 170 | 265680C |
| 100 | 1.05 | 250 | 265101C |
| 150 | 0.85 | 400 | 265151C |
| 220 | 0.7 | 520 | 265221C |
| 330 | 0.57 | 800 | 265331C |
| 470 | 0.48 | 1200 | 265471C |
| 680 | 0.4 | 1780 | 265681C |

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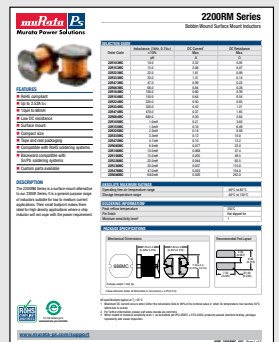
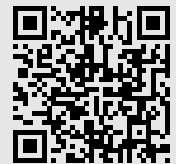
2200RM Series

| | |
|------------------------|----------------|
| Inductance: | 10μH - 68mH |
| Current: | 26mA - 2.52A |
| Operating temp: | -40°C to 85°C |
| Height: | 7.5mm (0.295") |

7.8 x 7.0 x 7.5mm
(0.307 x 0.276 x 0.295")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | Ω | |
| 10 | 2.52 | 0.05 | 22R103MC |
| 15 | 2.08 | 0.07 | 22R153MC |
| 22 | 1.81 | 0.09 | 22R223MC |
| 33 | 1.31 | 0.14 | 22R333MC |
| 47 | 0.99 | 0.22 | 22R473MC |
| 68 | 0.84 | 0.28 | 22R683MC |
| 100 | 0.8 | 0.39 | 22R104MC |
| 150 | 0.64 | 0.54 | 22R154MC |
| 220 | 0.5 | 0.83 | 22R224MC |
| 330 | 0.42 | 1.21 | 22R334MC |
| 470 | 0.37 | 1.65 | 22R474MC |
| 680 | 0.3 | 2.64 | 22R684MC |
| 1.0mH | 0.21 | 3.63 | 22R105MC |
| 1.5mH | 0.16 | 6.49 | 22R155MC |
| 2.2mH | 0.14 | 8.58 | 22R225MC |
| 3.3mH | 0.12 | 10 | 22R335MC |
| 4.7mH | 0.1 | 13.2 | 22R475MC |
| 6.8mH | 0.077 | 22 | 22R685MC |
| 10.0mH | 0.068 | 37.4 | 22R106MC |
| 15.0mH | 0.055 | 49.5 | 22R156MC |
| 22.0mH | 0.044 | 82.5 | 22R226MC |
| 33.0mH | 0.037 | 110 | 22R336MC |
| 47.0mH | 0.033 | 154 | 22R476MC |
| 68.0mH | 0.026 | 242 | 22R686MC |

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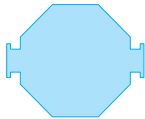


**SURFACE MOUNT
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2800 Series

| | |
|------------------------|----------------|
| Inductance: | 1μH - 3.3mH |
| Current: | 290mA - 15.5A |
| Operating temp: | -40°C to 125°C |
| Height: | 7.6mm (0.299") |

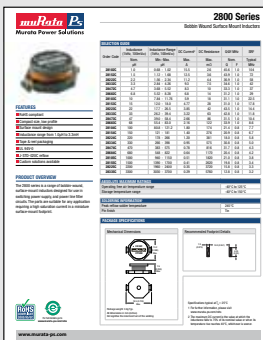


18.5 x 15.2 x 7.6mm
(0.728 x 0.598 x 0.299")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 1 | 15.5 | 2.6 | 28102C |
| 1.5 | 12.5 | 3.6 | 28152C |
| 2.2 | 11.2 | 4.4 | 28222C |
| 3.3 | 9.3 | 7.5 | 28332C |
| 4.7 | 8.3 | 10 | 28472C |
| 6.8 | 6.8 | 14 | 28682C |
| 10 | 5.9 | 18 | 28103C |
| 15 | 4.77 | 28 | 28153C |
| 22 | 3.85 | 42 | 28223C |
| 33 | 3.22 | 63 | 28333C |
| 47 | 2.66 | 86 | 28473C |
| 68 | 2.16 | 122 | 28683C |
| 100 | 1.8 | 174 | 28104C |
| 150 | 1.4 | 276 | 28154C |
| 220 | 1.2 | 381 | 28224C |
| 330 | 0.95 | 575 | 28334C |
| 470 | 0.78 | 816 | 28474C |
| 680 | 0.64 | 1170 | 28684C |
| 1000 | 0.51 | 1820 | 28105C |
| 1500 | 0.41 | 2620 | 28155C |
| 2200 | 0.35 | 3720 | 28225C |
| 3300 | 0.29 | 5760 | 28335C |

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**SURFACE MOUNT
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4500 Series

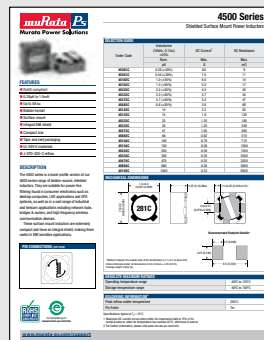
| | |
|------------------------|----------------|
| Inductance: | 0.28μH - 1mH |
| Current: | 230mA - 8A |
| Operating temp: | -40°C to 125°C |
| Height: | 3.55mm (0.14") |

7.3 x 7.3 x 3.55mm
(0.287 x 0.287 x 0.14")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 0.28 | 8 | 9 | 45281C |
| 0.54 | 7 | 11 | 45541C |
| 1 | 6 | 14 | 45102C |
| 1.5 | 5.5 | 17 | 45152C |
| 2.2 | 4.5 | 26 | 45222C |
| 3.3 | 3.7 | 34 | 45332C |
| 4.7 | 3.2 | 47 | 45472C |
| 6.8 | 2.6 | 66 | 45682C |
| 10 | 2.2 | 82 | 45103C |
| 15 | 1.8 | 120 | 45153C |
| 22 | 1.35 | 180 | 45223C |
| 33 | 1.25 | 250 | 45333C |
| 47 | 1.05 | 360 | 45473C |
| 68 | 0.82 | 510 | 45683C |
| 100 | 0.7 | 710 | 45104C |
| 150 | 0.58 | 1000 | 45154C |
| 220 | 0.5 | 1550 | 45224C |
| 330 | 0.35 | 2540 | 45334C |
| 470 | 0.32 | 3250 | 45474C |
| 680 | 0.26 | 5000 | 45684C |
| 1000 | 0.23 | 6500 | 45105C |

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**SURFACE MOUNT
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4600 Series

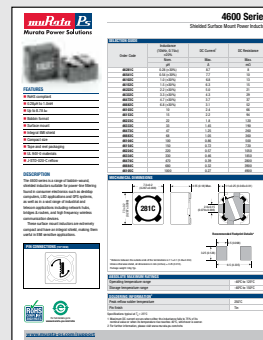
| | |
|------------------------|----------------|
| Inductance: | 0.28μH - 1mH |
| Current: | 270mA - 8.7A |
| Operating temp: | -40°C to 125°C |
| Height: | 4.55mm (0.18") |

7.3 x 7.3 x 4.55mm
(0.287 x 0.287 x 0.18")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 0.28 | 8.7 | 8 | 46281C |
| 0.54 | 7.7 | 10 | 46541C |
| 1 | 6.8 | 13 | 46102C |
| 1.5 | 6.3 | 15 | 46152C |
| 2.2 | 5 | 21 | 46222C |
| 3.3 | 4.3 | 29 | 46332C |
| 4.7 | 3.7 | 37 | 46472C |
| 6.8 | 3.1 | 52 | 46682C |
| 10 | 2.4 | 66 | 46103C |
| 15 | 2.2 | 94 | 46153C |
| 22 | 1.8 | 120 | 46223C |
| 33 | 1.45 | 190 | 46333C |
| 47 | 1.25 | 260 | 46473C |
| 68 | 1.05 | 360 | 46683C |
| 100 | 0.86 | 500 | 46104C |
| 150 | 0.72 | 720 | 46154C |
| 220 | 0.57 | 1050 | 46224C |
| 330 | 0.46 | 1850 | 46334C |
| 470 | 0.39 | 2800 | 46474C |
| 680 | 0.32 | 3900 | 46684C |
| 1000 | 0.27 | 4900 | 46105C |

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**SURFACE MOUNT
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4700S Series

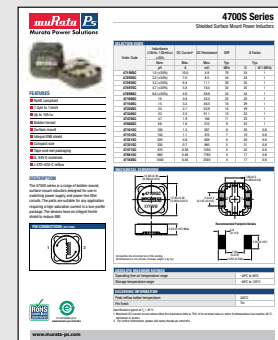
| | |
|------------------------|---------------|
| Inductance: | 1μH - 1mH |
| Current: | 400mA - 10A |
| Operating temp: | -40°C to 85°C |
| Height: | 5mm (0.197") |

12.2 x 12.2 x 5.0mm
(0.480 x 0.480 x 0.197")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 1 | 10 | 4.8 | 471R0SC |
| 2.2 | 7 | 8.5 | 472R2SC |
| 3.3 | 6.4 | 11.1 | 473R3SC |
| 4.7 | 5.8 | 16.4 | 474R7SC |
| 6.8 | 4.6 | 26.9 | 476R8SC |
| 10 | 3.8 | 32.3 | 47100SC |
| 15 | 3.2 | 46.5 | 47150SC |
| 22 | 2.7 | 62.9 | 47220SC |
| 33 | 2.2 | 91.1 | 47330SC |
| 47 | 1.9 | 168 | 47470SC |
| 68 | 1.6 | 210 | 47680SC |
| 100 | 1.3 | 267 | 47101SC |
| 150 | 1.1 | 410 | 47151SC |
| 220 | 0.8 | 629 | 47221SC |
| 330 | 0.7 | 940 | 47331SC |
| 470 | 0.58 | 1330 | 47471SC |
| 680 | 0.48 | 1780 | 47681SC |
| 1000 | 0.4 | 2540 | 47102SC |

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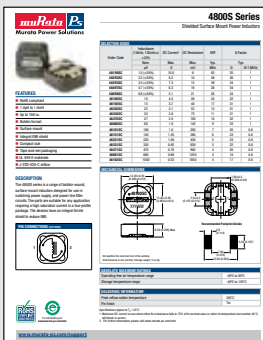
4800S Series

| | |
|------------------------|---------------|
| Inductance: | 1μH - 1mH |
| Current: | 520mA - 10A |
| Operating temp: | -40°C to 85°C |
| Height: | 6mm (0.236") |

12.2 x 12.2 x 6.0mm
(0.480 x 0.480 x 0.236")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 1 | 10 | 6 | 481R0SC |
| 2.2 | 8.2 | 10 | 482R2SC |
| 3.3 | 7.3 | 12 | 483R3SC |
| 4.7 | 6.3 | 16 | 484R7SC |
| 6.8 | 5.1 | 21 | 486R8SC |
| 10 | 4.5 | 28 | 48100SC |
| 15 | 3.7 | 40 | 48150SC |
| 22 | 3.1 | 53 | 48220SC |
| 33 | 2.8 | 73 | 48330SC |
| 47 | 2.4 | 100 | 48470SC |
| 68 | 1.8 | 145 | 48680SC |
| 100 | 1.6 | 200 | 48101SC |
| 150 | 1.35 | 280 | 48151SC |
| 220 | 1 | 430 | 48221SC |
| 330 | 0.85 | 630 | 48331SC |
| 470 | 0.76 | 900 | 48471SC |
| 680 | 0.66 | 1250 | 48681SC |
| 1000 | 0.52 | 1850 | 48102SC |

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**SURFACE MOUNT
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4900S Series

| | |
|------------------------|----------------|
| Inductance: | 1μH - 1mH |
| Current: | 500mA - 11.8A |
| Operating temp: | -40°C to 85°C |
| Height: | 8.0mm (0.315") |

12.2 x 12.2 x 8.0mm
(0.480 x 0.480 x 0.315")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 1 | 11.8 | 5 | 491R0SC |
| 2.2 | 9.8 | 8 | 492R2SC |
| 3.3 | 8.4 | 10 | 493R3SC |
| 4.7 | 7.7 | 12 | 494R7SC |
| 6.8 | 6.2 | 16 | 496R8SC |
| 10 | 5.1 | 21 | 49100SC |
| 15 | 4.4 | 27 | 49150SC |
| 22 | 3.1 | 42 | 49220SC |
| 33 | 2.9 | 60 | 49330SC |
| 47 | 2.3 | 100 | 49470SC |
| 68 | 2 | 143 | 49680SC |
| 100 | 1.6 | 165 | 49101SC |
| 150 | 1.3 | 250 | 49151SC |
| 220 | 1.1 | 380 | 49221SC |
| 330 | 0.9 | 550 | 49331SC |
| 470 | 0.75 | 810 | 49471SC |
| 680 | 0.62 | 1200 | 49681SC |
| 1000 | 0.5 | 1500 | 49102SC |

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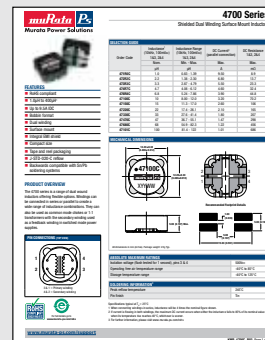
4700 Series

| | |
|------------------------|---------------|
| Inductance: | 1μH - 100μH |
| Current: | 1.01A - 9.5A |
| Operating temp: | -40°C to 85°C |
| Height: | 5mm (0.197") |

12.2 x 12.2 x 5.0mm
(0.480 x 0.480 x 0.197")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 1 | 9.5 | 8.9 | 471R0C |
| 2.2 | 6.8 | 13.7 | 472R2C |
| 3.3 | 5.5 | 23.3 | 473R3C |
| 4.7 | 4.6 | 32.4 | 474R7C |
| 6.8 | 3.9 | 44.8 | 476R8C |
| 10 | 3.2 | 70.2 | 47100C |
| 15 | 2.6 | 106 | 47150C |
| 22 | 2.1 | 165 | 47220C |
| 33 | 1.8 | 207 | 47330C |
| 47 | 1.47 | 298 | 47470C |
| 68 | 1.22 | 456 | 47680C |
| 100 | 1.01 | 686 | 47101C |

Download full datasheet:
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**SURFACE MOUNT
SHIELDED**



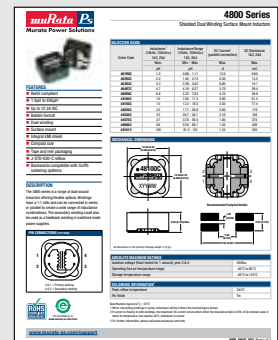
4800 Series

| | |
|------------------------|---------------------------|
| Inductance: | 1μH - 100μH |
| Current: | Up to 12.3A _{DC} |
| Operating temp: | -40 to 85°C |
| Height: | 6.2mm (0.244") |

12.2 x 12.2 x 6.2mm
(0.480 x 0.480 x 0.244")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 1 | 12.3 | 9 | 481R0C |
| 2.2 | 8.3 | 13.5 | 482R2C |
| 3.3 | 6.8 | 19.1 | 483R3C |
| 4.7 | 5.7 | 29.4 | 484R7C |
| 6.8 | 4.7 | 39.9 | 486R8C |
| 10 | 3.9 | 61.4 | 48100C |
| 15 | 3.2 | 77.4 | 48150C |
| 22 | 2.6 | 119 | 48220C |
| 33 | 2.1 | 184 | 48330C |
| 47 | 1.8 | 274 | 48470C |
| 68 | 1.5 | 409 | 48680C |
| 100 | 1.23 | 503 | 48101C |

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**SURFACE MOUNT
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4900 Series

| | |
|------------------------|--------------------------|
| Inductance: | 2.2μH - 220μH |
| Current: | Up to 9.5A _{DC} |
| Operating temp: | -40 to 85°C |
| Height: | 8.0mm (0.315") |

12.0 x 12.0 x 8.0mm
(0.472 x 0.472 x 0.315")

**SURFACE MOUNT
UNSHIELDED**



8300 Series

| | |
|------------------------|------------------------|
| Inductance: | 0.42μH - 100μH |
| Current: | Up to 3A _{DC} |
| Operating temp: | -40 to 85°C |
| Height: | 1.8mm (0.071") |

7.8 x 5.2 x 1.8mm
(0.307 x 0.205 x 0.071")

**THROUGH HOLE
UNSHIELDED**



3200 Series

| | |
|------------------------|--------------------------|
| Inductance: | 10μH - 1mH |
| Current: | Up to 4.5A _{DC} |
| Operating temp: | -40°C to 125°C |
| Height: | 24mm (0.945") |

21.5 x 10.0 x 24.0mm
(0.846 x 0.394 x 0.945")

**THROUGH HOLE
UNSHIELDED**



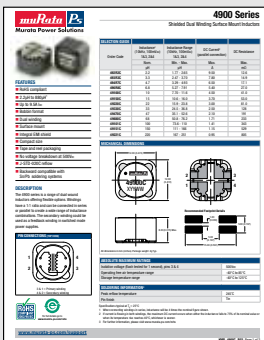
3300 Series

| | |
|------------------------|--------------------------|
| Inductance: | 10μH - 1mH |
| Current: | Up to 7.6A _{DC} |
| Operating temp: | -40°C to 125°C |
| Height: | 31.0mm (1.22") |

29.0 x 16.3 x 31.0mm
(1.14 x 0.642 x 1.22")

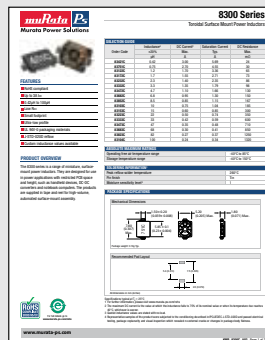
| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 2.2 | 9.5 | 12.6 | 492R2C |
| 3.3 | 7.8 | 14.9 | 493R3C |
| 4.7 | 6.5 | 17.1 | 494R7C |
| 6.8 | 5.4 | 27 | 496R8C |
| 10 | 4.5 | 41 | 49100C |
| 15 | 3.7 | 53 | 49150C |
| 22 | 3 | 81 | 49220C |
| 33 | 2.5 | 128 | 49330C |
| 47 | 2.1 | 191 | 49470C |
| 68 | 1.71 | 233 | 49680C |
| 100 | 1.41 | 343 | 49101C |
| 150 | 1.15 | 529 | 49151C |
| 220 | 0.95 | 805 | 49221C |

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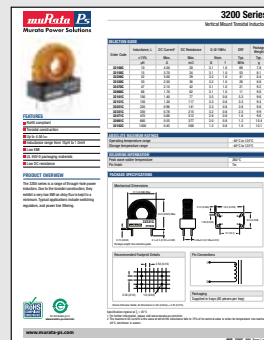
| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 0.42 | 3 | 24 | 83421C |
| 0.75 | 2.7 | 30 | 83751C |
| 1.2 | 1.7 | 65 | 83122C |
| 1.7 | 1.55 | 73 | 83172C |
| 2.3 | 1.4 | 86 | 83232C |
| 3.3 | 1.35 | 98 | 83332C |
| 4.7 | 1.1 | 130 | 83472C |
| 6.8 | 0.95 | 150 | 83682C |
| 8.5 | 0.85 | 167 | 83852C |
| 10 | 0.75 | 185 | 83103C |
| 15 | 0.6 | 300 | 83153C |
| 22 | 0.5 | 350 | 83223C |
| 33 | 0.42 | 600 | 83333C |
| 47 | 0.35 | 710 | 83473C |
| 68 | 0.3 | 850 | 83683C |
| 82 | 0.27 | 1250 | 83823C |
| 100 | 0.24 | 1320 | 83104C |

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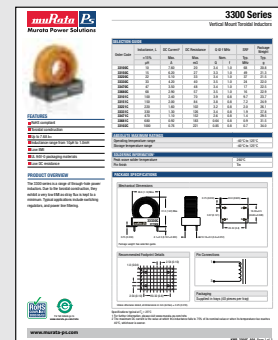
| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 10 | 4.5 | 20 | 32100C |
| 15 | 3.7 | 24 | 32150C |
| 22 | 3 | 29 | 32220C |
| 33 | 2.5 | 36 | 32330C |
| 47 | 2.1 | 42 | 32470C |
| 68 | 1.7 | 62 | 32680C |
| 100 | 1.4 | 77 | 32101C |
| 150 | 1.2 | 117 | 32151C |
| 220 | 0.96 | 141 | 32221C |
| 330 | 0.78 | 215 | 32331C |
| 470 | 0.66 | 312 | 32471C |
| 680 | 0.55 | 377 | 32681C |
| 1000 | 0.45 | 568 | 32102C |

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| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 10 | 7.6 | 20 | 33100C |
| 15 | 6.2 | 27 | 33150C |
| 22 | 5.1 | 33 | 33220C |
| 33 | 4.2 | 40 | 33330C |
| 47 | 3.5 | 48 | 33470C |
| 68 | 2.9 | 57 | 33680C |
| 100 | 2.4 | 70 | 33101C |
| 150 | 2 | 84 | 33151C |
| 220 | 1.6 | 102 | 33221C |
| 330 | 1.3 | 126 | 33331C |
| 470 | 1.1 | 152 | 33471C |
| 680 | 0.92 | 183 | 33681C |
| 1000 | 0.76 | 221 | 33102C |

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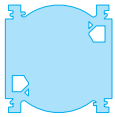


**SURFACE MOUNT
UNSHIELDED**



4000 Series

| | |
|------------------------|--------------------------|
| Inductance: | 3.3μH to 330μH |
| Current: | Up to 5.2A _{DC} |
| Operating temp: | -40°C to 85°C |
| Height: | 8.76mm (0.345") |



14.1 x 14.22 x 8.76mm
(0.555 x 0.560 x 0.345")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 3.3 | 5.2 | 17 | 403R3C |
| 4.7 | 4.4 | 19 | 404R7C |
| 6.8 | 3.6 | 20 | 406R8C |
| 10 | 3 | 23 | 40100C |
| 15 | 2.4 | 30 | 40150C |
| 22 | 2.1 | 35 | 40220C |
| 33 | 1.66 | 54 | 40330C |
| 47 | 1.42 | 79 | 40470C |
| 68 | 1.2 | 148 | 40680C |
| 100 | 0.94 | 177 | 40101C |
| 150 | 0.76 | 273 | 40151C |
| 220 | 0.67 | 405 | 40221C |
| 330 | 0.54 | 610 | 40331C |

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**SURFACE MOUNT
UNSHIELDED**



4100 Series

| | |
|------------------------|--------------------------|
| Inductance: | 2.7μH - 330μH |
| Current: | Up to 8.1A _{DC} |
| Operating temp: | -40 to 85°C |
| Height: | 9.91mm (0.390") |



16.76 x 17.53 x 9.91mm
(0.660 x 0.690 x 0.390")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 2.7 | 8.1 | 14 | 412R7C |
| 4.7 | 6.7 | 18 | 414R7C |
| 6.8 | 5.7 | 20 | 416R8C |
| 10 | 4.7 | 24 | 41100C |
| 15 | 4 | 28 | 41150C |
| 22 | 3.3 | 33 | 41220C |
| 33 | 2.7 | 38 | 41330C |
| 47 | 2.2 | 62 | 41470C |
| 68 | 1.75 | 110 | 41680C |
| 100 | 1.47 | 158 | 41101C |
| 150 | 1.16 | 247 | 41151C |
| 220 | 1.03 | 377 | 41221C |
| 330 | 0.83 | 462 | 41331C |

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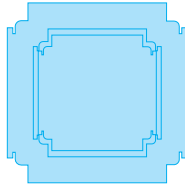


**SURFACE MOUNT
UNSHIELDED**



4200 Series

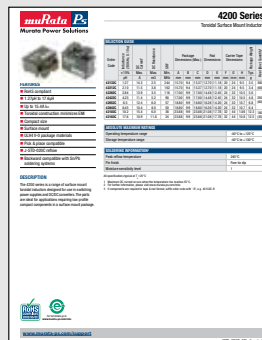
| | |
|------------------------|---------------------------|
| Inductance: | 1.27μH - 17.6μH |
| Current: | Up to 15.4A _{DC} |
| Operating temp: | -40 to 125°C |
| Height: | 9.9mm (0.390") |



23.9 x 23.9 x 9.9mm Max.
(0.94 x 0.94 x 0.39" Max.)

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 1.27 | 14.3 | 2.5 | 42132C |
| 2.10 | 11.5 | 3.8 | 42212C |
| 2.84 | 13.9 | 3.5 | 42282C |
| 4.23 | 11.4 | 5.2 | 42422C |
| 6.5 | 12.4 | 6.0 | 42652C |
| 8.45 | 10.4 | 8.0 | 42842C |
| 10.2 | 15.4 | 6.0 | 42103C |
| 17.6 | 10.9 | 11.6 | 42183C |

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4300 Series

| | |
|------------------------|---------------------------|
| Inductance: | 2.1μH - 4μH |
| Current: | Up to 22.4A _{DC} |
| Operating temp: | -40 to 125°C |
| Height: | 9.9mm (0.390") |



25.4 x 28.2 x 9.91mm
(1.0 x 1.11 x 0.390")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 2.1 | 21 | 2.22 | 43212C |
| 4 | 22.4 | 3.1 | 43402C |

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**SURFACE MOUNT
SHIELDED**



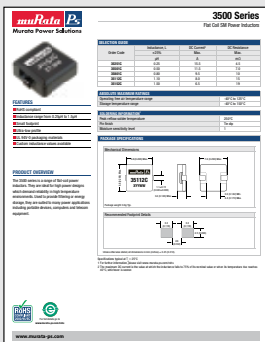
3500 Series

| | |
|------------------------|---------------------------|
| Inductance: | 0.25μH - 1.5μH |
| Current: | Up to 15.5A _{DC} |
| Operating temp: | -40 to 125°C |
| Height: | 3.2mm (0.126") |

6.8 x 6.8 x 3.2mm
(0.268 x 0.268 x 0.126")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 0.25 | 15.5 | 4.5 | 35251C |
| 0.5 | 11.5 | 7 | 35501C |
| 0.8 | 9.5 | 10 | 35801C |
| 1.1 | 8 | 15 | 35112C |
| 1.5 | 6.5 | 19 | 35152C |

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**SURFACE MOUNT
SHIELDED**



3600 Series

| | |
|------------------------|---------------------------|
| Inductance: | 0.4μH - 4.7μH |
| Current: | Up to 14.5A _{DC} |
| Operating temp: | -40°C to 125°C |
| Height: | 4.2mm (0.165") |

6.8 x 6.8 x 4.2mm
(0.268 x 0.268 x 0.165")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 0.4 | 14.5 | 4 | 36401C |
| 0.6 | 12.5 | 5 | 36601C |
| 1.0 | 9.5 | 7.5 | 36102C |
| 1.8 | 7.0 | 14 | 36182C |
| 2.3 | 6.0 | 20 | 36232C |
| 3.3 | 4.6 | 35 | 36332C |
| 4.7 | 3.6 | 41 | 36472C |

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**SURFACE MOUNT
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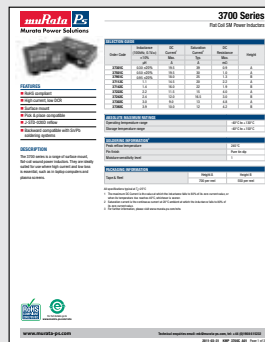
3700 Series

| | |
|------------------------|---------------------------|
| Inductance: | 0.3μH - 3.9μH |
| Current: | Up to 19.5A _{DC} |
| Operating temp: | -40°C to 130°C |
| Height: | 6.8mm (0.268") |

14.5 x 11.5 x 6.8mm Max.
(0.571 x 0.453 x 0.268" Max.)

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 0.3 | 19.5 | 0.9 | 37301C |
| 0.5 | 19.5 | 1 | 37501C |
| 0.95 | 18 | 1.3 | 37951C |
| 1.1 | 14.5 | 2.2 | 37112C |
| 1.4 | 16 | 1.9 | 37142C |
| 2.2 | 11.5 | 4 | 37222C |
| 2.4 | 12 | 3 | 37242C |
| 3 | 9 | 4.8 | 37302C |
| 3.9 | 10 | 4.2 | 37392C |

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**SURFACE MOUNT
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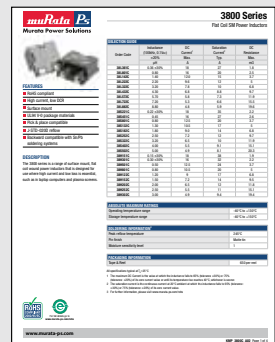
3800 Series

| | |
|------------------------|-------------------------|
| Inductance: | 0.15μH - 8.8μH |
| Current: | Up to 18A _{DC} |
| Operating temp: | -40°C to 130°C |
| Height: | 5.6mm (0.220") |

10.4 x 10.4 x 5.6mm
(0.409 x 0.409 x 0.220")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| μH | A | mΩ | |
| 0.36 | 18 | 1.8 | 38L361C |
| 0.80 | 16 | 2.5 | 38L801C |
| 1.40 | 12 | 3.7 | 38L142C |
| 2.20 | 9.6 | 5 | 38L222C |
| 3.20 | 7.8 | 6.8 | 38L322C |
| 4.30 | 6.8 | 9.7 | 38L432C |
| 5.70 | 5.8 | 11.9 | 38L572C |
| 7.20 | 5.3 | 15.5 | 38L722C |
| 8.80 | 4.8 | 19.6 | 38L882C |
| 0.22 | 18 | 2.2 | 38S221C |
| 0.45 | 16 | 2.6 | 38S451C |
| 0.80 | 12.5 | 3.7 | 38S801C |
| 1.30 | 10.5 | 5 | 38S132C |
| 1.80 | 9 | 6.8 | 38S182C |
| 2.50 | 7.2 | 9.7 | 38S252C |
| 3.20 | 6.5 | 11.9 | 38S322C |
| 4.00 | 5.5 | 15.1 | 38S402C |
| 5.00 | 4.9 | 20.3 | 38S502C |
| 0.15 | 18 | 1.9 | 38H151C |
| 0.30 | 16 | 2.2 | 38H301C |
| 0.50 | 12.5 | 3.7 | 38H501C |
| 0.80 | 10.5 | 5 | 38H801C |
| 1.20 | 9 | 6.8 | 38H122C |
| 1.50 | 7.2 | 9.5 | 38H152C |
| 2.00 | 6.5 | 11.8 | 38H202C |
| 2.50 | 5.5 | 15.1 | 38H252C |
| 3.00 | 4.9 | 19.4 | 38H302C |

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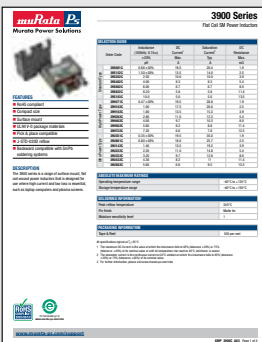
3900 Series

| | |
|------------------------|---------------------------|
| Inductance: | 0.35µH to 10µH |
| Current: | Up to 19.5A _{DC} |
| Operating temp: | -40°C to 125°C |
| Height: | 5.8mm (0.228") |

12.9 x 12.9 x 5.8mm
(0.508 x 0.508 x 0.228")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| µH | A | mΩ | |
| 0.68 | 19.5 | 1.9 | 39S681C |
| 1.50 | 13.5 | 2.5 | 39S152C |
| 2.50 | 10 | 3.9 | 39S252C |
| 4.00 | 8.3 | 5.4 | 39S402C |
| 6.00 | 6.7 | 8 | 39S602C |
| 8.20 | 5.8 | 11.4 | 39S822C |
| 10.0 | 5 | 13.5 | 39S103C |
| 0.47 | 19.5 | 1.9 | 39H471C |
| 1.00 | 17.5 | 2.5 | 39H102C |
| 1.80 | 13.5 | 3.9 | 39H182C |
| 2.80 | 11 | 5.4 | 39H282C |
| 4.00 | 9.7 | 8 | 39H402C |
| 5.60 | 8.2 | 11.4 | 39H562C |
| 7.20 | 6.6 | 13.5 | 39H722C |
| 0.35 | 19.5 | 1.9 | 39U351C |
| 0.80 | 18 | 2.5 | 39U801C |
| 1.40 | 13.5 | 3.9 | 39U142C |
| 2.20 | 11 | 5.4 | 39U222C |
| 3.20 | 9.7 | 8 | 39U322C |
| 4.30 | 8.2 | 11.4 | 39U432C |
| 5.60 | 6.6 | 13.5 | 39U562C |

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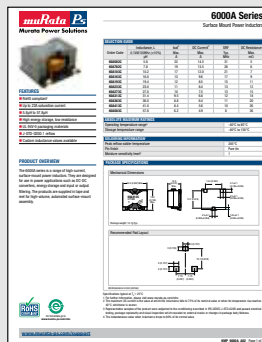
6000A Series

| | |
|------------------------|---------------------------|
| Inductance: | 5.8µH - 57.8µH |
| Current: | Up to 14.5A _{DC} |
| Operating temp: | -40 to 85°C |
| Height: | 12mm (0.472") |

22 x 19 x 12mm
(0.867 x 0.748 x 0.472")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| µH | A | mΩ | |
| 5.8 | 14.5 | 5 | 60A582C |
| 7.8 | 13.5 | 6 | 60A782C |
| 10.2 | 12 | 7 | 60A103C |
| 16.0 | 9.6 | 9 | 60A163C |
| 19.4 | 8.5 | 11 | 60A193C |
| 23.0 | 8.4 | 12 | 60A233C |
| 27.0 | 7.5 | 15 | 60A273C |
| 31.4 | 6.8 | 18 | 60A313C |
| 36.0 | 6.4 | 20 | 60A363C |
| 41.0 | 5.6 | 26 | 60A413C |
| 57.8 | 4.9 | 36 | 60A583C |

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**SURFACE MOUNT
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6000B Series

| | |
|------------------------|---------------------------|
| Inductance: | 47µH - 680µH |
| Current: | Up to 10.5A _{DC} |
| Operating temp: | -40°C to 85°C |
| Height: | 20mm (0.787") |

23.5 x 27 x 20mm
(0.925 x 1.063 x 0.787")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| µH | A | mΩ | |
| 47 | 10.5 | 13 | 60B473C |
| 68 | 9.0 | 17 | 60B683C |
| 100 | 7.5 | 25 | 60B104C |
| 150 | 6.0 | 38 | 60B154C |
| 220 | 5.0 | 50 | 60B224C |
| 330 | 4.0 | 80 | 60B334C |
| 470 | 3.5 | 100 | 60B474C |
| 680 | 3.0 | 135 | 60B684C |

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**SURFACE MOUNT
SHIELDED**



3000A Series

| | |
|------------------------|-------------------------|
| Inductance: | 80nH - 191nH |
| Current: | Up to 37A _{DC} |
| Operating temp: | -40°C to 130°C |
| Height: | 4.96mm (0.195") |

7.1 x 7.0 x 4.96mm
(0.280 x 0.276 x 0.195")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| µH | A | mΩ | |
| 0.080 | 37 | 0.19 | 30800AC |
| 0.097 | 36 | 0.2 | 30101AC |
| 0.145 | 29 | 0.19 | 30151AC |
| 0.191 | 22 | 0.21 | 30201AC |

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3000B Series

| | |
|------------------------|-------------------------|
| Inductance: | 85nH - 200nH |
| Current: | Up to 37A _{DC} |
| Operating temp: | -40°C to 130°C |
| Height: | 4.96mm (0.195") |

10.2 x 7.0 x 4.96mm
(0.402 x 0.276 x 0.195")

| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| µH | A | mΩ | |
| 0.085 | 37 | 0.29 | 30850BC |
| 0.100 | 37 | 0.29 | 30101BC |
| 0.114 | 37 | 0.29 | 30121BC |
| 0.154 | 37 | 0.29 | 30151BC |
| 0.200 | 29 | 0.29 | 30221BC |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_3000b.pdf



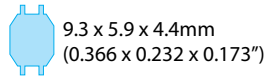
Common-Mode Chokes

**SURFACE MOUNT
TOROIDAL**



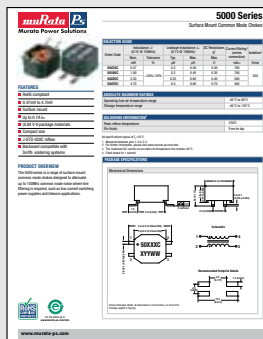
5000 Series

| | |
|------------------------|--------------------------|
| Inductance: | 0.47mH - 4.7mH |
| Current: | Up to 0.7A _{DC} |
| Operating temp: | -40 to 85°C |
| Height: | 4.4mm (0.173") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| mH | mA | Ω | |
| 0.47 | 700 | 0.30 | 50474C |
| 1.00 | 700 | 0.30 | 50105C |
| 2.20 | 500 | 0.40 | 50225C |
| 4.70 | 400 | 0.70 | 50475C |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_5000.pdf

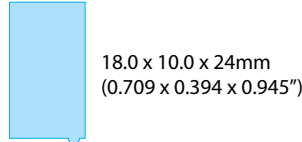


**THROUGH HOLE
TOROIDAL**



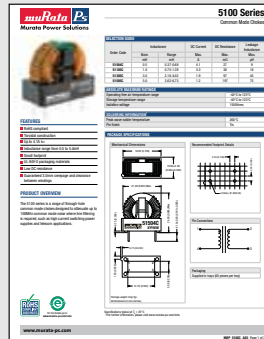
5100 Series

| | |
|------------------------|--------------------------|
| Inductance: | 0.5mH - 5.0mH |
| Current: | Up to 4.1A _{DC} |
| Operating temp: | -40°C to 125°C |
| Height: | 24mm (0.945") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| mH | A | mΩ | |
| 0.5 | 4.1 | 27 | 51504C |
| 1.0 | 3.3 | 38 | 51105C |
| 3.0 | 1.9 | 97 | 51305C |
| 5.0 | 1.2 | 197 | 51505C |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_5100.pdf

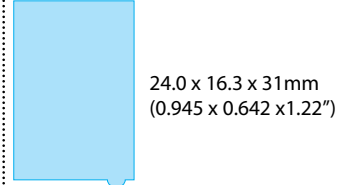


**THROUGH HOLE
TOROIDAL**



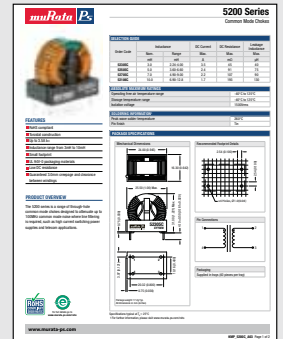
5200 Series

| | |
|------------------------|--------------------------|
| Inductance: | 3.0mH - 10mH |
| Current: | Up to 3.5A _{DC} |
| Operating temp: | -40°C to 125°C |
| Height: | 31mm (1.22") |



| Inductance | Current | DC Resistance | Model Number |
|------------|---------|---------------|--------------|
| mH | A | mΩ | |
| 3.0 | 3.5 | 45 | 52305C |
| 5.0 | 2.4 | 91 | 52505C |
| 7.0 | 2.2 | 107 | 52705C |
| 10.0 | 1.7 | 193 | 52106C |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_5200.pdf



General Purpose Pulse Transformers

THROUGH HOLE
GENERAL PURPOSE PULSE TRANSFORMERS



766 Series

| | |
|-------------------------------|-----------------|
| Inductance: | Up to 11.7mH |
| Isolation Voltage Max: | 500Vrms |
| Operating temp: | 0°C to +70°C |
| Height: | 6.35mm (0.250") |

12.7 x 8.89 x 6.35mm
(0.500 x 0.350 x 0.250")

| Model Number | Turns Ratio ±2% | Min. Primary Inductance | Min. Primary Constant, ET | Max. Leakage Inductance | Max. Interwinding Capacitance | Max. DC Resistance |
|--------------|-----------------|-------------------------|---------------------------|-------------------------|-------------------------------|--------------------|
| | | μH | Vμs | μH | pF | Ω |
| 76600/1C | 1:1 | 1916 | 17.5 | 0.60 | 49 | 1.50 |
| 76600/2C | 1:1 | 492 | 8.5 | 0.30 | 22 | 0.80 |
| 76600/3C | 1:1 | 219 | 5.5 | 0.25 | 14 | 0.50 |
| 76600/4C | 1:1 | 50 | 4.0 | 0.20 | 10 | 0.40 |
| 76601/1C | 1:1 | 1916 | 17.5 | 0.60 | 49 | 1.50 |
| 76601/2C | 1:1 | 492 | 8.5 | 0.30 | 22 | 0.80 |
| 76601/3C | 1:1 | 219 | 5.5 | 0.25 | 12 | 0.50 |
| 76601/20C | 1:1 | 20.1 | 2.5 | 0.20 | 5 | 0.20 |
| 76601/23C | 1:1 | 938 | 10.5 | 0.20 | 35 | 0.20 |
| 76601/24C | 1:1 | 11.7mH | 50.5 | 0.40 | 250 | 1.35 |
| 76602/1C | 1:1:1 | 2060 | 17.5 | 0.60 | 72 | 1.50 |
| 76615/1C | 1CT:1CT | 3200 | 45 | 2.00 | 52 | 1.00 |
| 76616/3C | 2CT:1CT | 4350 | 23 | 3.00 | 35 | 1.00 |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_766.pdf



THROUGH HOLE
GENERAL PURPOSE PULSE TRANSFORMERS



786 Series

| | |
|----------------------------|-----------------|
| Primary Inductance: | Up to 10mH |
| Isolation Voltage: | 1000Vrms |
| Operating temp: | 0°C to +70°C |
| Height: | 6.35mm (0.250") |

9.0 x 9.52 x 6.35mm
(0.354 x 0.375 x 0.250")

| Model Number | Turns Ratio | Min. Primary Inductance | Min. Primary Constant, ET | Typ. Leakage Inductance | Typ. Interwinding Capacitance | Max. Primary DC Resistance |
|--------------|-------------|-------------------------|---------------------------|-------------------------|-------------------------------|----------------------------|
| | | μH | Vμs | μH | pF | Ω |
| 78601/4C | 1:1 | 67 | 4 | 0.19 | 8 | 0.17 |
| 78601/3C | 1:1 | 200 | 6 | 0.2 | 14 | 0.25 |
| 78601/2C | 1:1 | 500 | 10 | 0.25 | 22 | 0.34 |
| 78601/8C | 1:1 | 1000 | 15 | 0.29 | 35 | 0.45 |
| 78601/1C | 1:1 | 2000 | 20 | 0.47 | 49 | 0.6 |
| 78601/16C | 1:1 | 4000 | 28 | 0.47 | 78 | 0.84 |
| 78601/9C | 1:1 | 10000 | 56 | 0.86 | 121 | 1.3 |
| 78602/4C | 1:1:1 | 67 | 4 | 0.11 | 12 | 0.18 |
| 78602/3C | 1:1:1 | 200 | 6 | 0.17 | 19 | 0.24 |
| 78602/2C | 1:1:1 | 500 | 10 | 0.27 | 32 | 0.34 |
| 78602/8C | 1:1:1 | 1000 | 15 | 0.35 | 47 | 0.46 |
| 78602/1C | 1:1:1 | 2000 | 20 | 0.6 | 72 | 0.66 |
| 78602/16C | 1:1:1 | 4000 | 28 | 0.71 | 116 | 0.92 |
| 78602/9C | 1:1:1 | 10000 | 56 | 0.71 | 167 | 1.34 |
| 78604/4C | 2:1 | 67 | 4 | 0.41 | 4 | 0.18 |
| 78604/3C | 2:1 | 200 | 6 | 0.49 | 9 | 0.25 |
| 78604/2C | 2:1 | 500 | 10 | 0.65 | 13 | 0.34 |
| 78604/8C | 2:1 | 1000 | 15 | 0.76 | 20 | 0.46 |
| 78604/1C | 2:1 | 2000 | 20 | 0.99 | 29 | 0.6 |
| 78604/16C | 2:1 | 4000 | 28 | 1.61 | 50 | 0.85 |
| 78604/9C | 2:1 | 10000 | 56 | 1.64 | 72 | 1.23 |
| 78613/4C | 1CT:1 | 67 | 4 | 0.3 | 7 | 0.2 |
| 78613/3C | 1CT:1 | 200 | 6 | 0.65 | 12 | 0.25 |
| 78613/2C | 1CT:1 | 500 | 10 | 1.07 | 20 | 0.36 |
| 78613/8C | 1CT:1 | 1000 | 15 | 1.13 | 35 | 0.48 |
| 78613/1C | 1CT:1 | 2000 | 20 | 1.53 | 47 | 0.63 |
| 78613/16C | 1CT:1 | 4000 | 28 | 1.98 | 64 | 0.88 |
| 78613/9C | 1CT:1 | 10000 | 56 | 3.83 | 72 | 1.33 |
| 78615/4C | 1CT:1CT | 67 | 4 | 1.21 | 3 | 0.17 |
| 78615/3C | 1CT:1CT | 200 | 6 | 3.64 | 5 | 0.24 |
| 78615/2C | 1CT:1CT | 500 | 10 | 6.86 | 7 | 0.34 |
| 78615/8C | 1CT:1CT | 1000 | 15 | 11.9 | 10 | 0.45 |
| 78615/1C | 1CT:1CT | 2000 | 20 | 16 | 16 | 0.6 |
| 78615/16C | 1CT:1CT | 4000 | 28 | 37.7 | 20 | 0.87 |
| 78615/9C | 1CT:1CT | 10000 | 56 | 44.5 | 19 | 1.33 |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_786.pdf



THROUGH HOLE
GENERAL PURPOSE PULSE TRANSFORMERS



786J Series

| | |
|-------------------------------|-----------------|
| Inductance: | Up to 10mH |
| Isolation Voltage Max: | 1000Vrms |
| Operating temp: | -40°C to +85°C |
| Height: | 6.35mm (0.250") |



12.7 x 9.00 x 6.35mm
(0.500 x 0.354 x 0.250")

| Model Number | Turns Ratio | Min. Primary Inductance | Min. Primary Constant, ET | Typ. Leakage Inductance | Typ. Interwinding Capacitance | Max. Primary DC Resistance |
|--------------|-------------|-------------------------|---------------------------|-------------------------|-------------------------------|----------------------------|
| | | μH | Vμs | μH | pF | Ω |
| 78601/4JC | 1:1 | 58 | 4 | 0.19 | 8 | 0.17 |
| 78601/3JC | 1:1 | 150 | 6 | 0.2 | 14 | 0.25 |
| 78601/2JC | 1:1 | 350 | 10 | 0.25 | 22 | 0.34 |
| 78601/8JC | 1:1 | 850 | 15 | 0.29 | 35 | 0.45 |
| 78601/1JC | 1:1 | 2000 | 20 | 0.47 | 49 | 0.6 |
| 78601/16JC | 1:1 | 3650 | 28 | 0.69 | 78 | 0.84 |
| 78601/9JC | 1:1 | 10000 | 56 | 0.93 | 121 | 1.3 |
| 78602/4JC | 1:1:1 | 53 | 4 | 0.11 | 12 | 0.18 |
| 78602/3JC | 1:1:1 | 180 | 6 | 0.17 | 19 | 0.24 |
| 78602/2JC | 1:1:1 | 380 | 10 | 0.27 | 32 | 0.34 |
| 78602/8JC | 1:1:1 | 970 | 15 | 0.37 | 47 | 0.46 |
| 78602/1JC | 1:1:1 | 1890 | 20 | 0.65 | 72 | 0.66 |
| 78602/16JC | 1:1:1 | 3350 | 28 | 0.71 | 116 | 1.2 |
| 78602/9JC | 1:1:1 | 10000 | 56 | 0.71 | 167 | 1.8 |
| 78604/4JC | 2:1 | 65 | 4 | 0.41 | 4 | 0.18 |
| 78604/3JC | 2:1 | 160 | 6 | 0.49 | 9 | 0.25 |
| 78604/2JC | 2:1 | 500 | 10 | 0.65 | 13 | 0.34 |
| 78604/8JC | 2:1 | 850 | 15 | 0.76 | 20 | 0.46 |
| 78604/1JC | 2:1 | 1840 | 20 | 0.99 | 29 | 0.6 |
| 78604/16JC | 2:1 | 3300 | 28 | 1.61 | 50 | 0.85 |
| 78604/9JC | 2:1 | 10000 | 56 | 2.3 | 72 | 1.23 |
| 78613/4JC | 1CT:1 | 50 | 4 | 0.3 | 7 | 0.2 |
| 78613/3JC | 1CT:1 | 190 | 6 | 0.65 | 12 | 0.25 |
| 78613/2JC | 1CT:1 | 490 | 10 | 1.07 | 20 | 0.36 |
| 78613/8JC | 1CT:1 | 980 | 15 | 1.13 | 35 | 0.48 |
| 78613/1JC | 1CT:1 | 2000 | 20 | 1.7 | 47 | 0.63 |
| 78613/16JC | 1CT:1 | 3200 | 28 | 2.8 | 64 | 0.88 |
| 78613/9JC | 1CT:1 | 10000 | 56 | 3.83 | 72 | 1.33 |
| 78615/4JC | 1CT:1CT | 65 | 4 | 1.21 | 3 | 0.17 |
| 78615/3JC | 1CT:1CT | 190 | 6 | 3.64 | 5 | 0.24 |
| 78615/2JC | 1CT:1CT | 500 | 10 | 6.86 | 7 | 0.34 |
| 78615/8JC | 1CT:1CT | 1000 | 15 | 11.9 | 10 | 0.45 |
| 78615/1JC | 1CT:1CT | 1700 | 20 | 16 | 16 | 0.6 |
| 78615/16JC | 1CT:1CT | 3700 | 28 | 37.7 | 20 | 0.92 |
| 78615/9JC | 1CT:1CT | 10000 | 56 | 52.5 | 19 | 1.45 |

Download full datasheet:

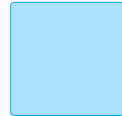
www.murata-ps.com/data/magnetics/kmp_786j.pdf

THROUGH HOLE
GENERAL PURPOSE PULSE TRANSFORMERS



1000 Series

| | |
|-------------------------------|------------------|
| Inductance: | Up to 8.8mH |
| Isolation Voltage Max: | 4000Vrms |
| Operating temp: | 0°C to +70°C |
| Height: | 15.75mm (0.620") |

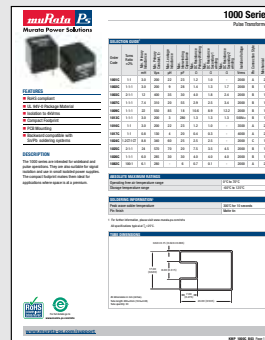
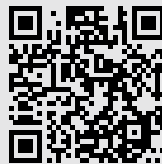


15.06 x 15.06 x 15.75mm
(0.593 x 0.593 x 0.620")

| Model Number | Turns Ratio ±2% | Min. Primary Inductance | Min. Primary Constant, ET | Max. Leakage Inductance | Max. Interwinding Capacitance | Max. Primary DC Resistance |
|--------------|-----------------|-------------------------|---------------------------|-------------------------|-------------------------------|----------------------------|
| | | mH | Vμs | μH | pF | Ω |
| 1001C | 1:1 | 3.0 | 200 | 22 | 23 | 1.2 |
| 1002C | 1:1:1 | 3.0 | 200 | 9 | 28 | 1.4 |
| 1003C | 2:1:1 | 12 | 400 | 35 | 30 | 4 |
| 1007C | 1:1:1 | 7.4 | 310 | 20 | 55 | 2.9 |
| 1009C | 1:1:1 | 22 | 550 | 85 | 18 | 10.6 |
| 1013C | 1:1:1 | 3.0 | 200 | 3 | 280 | 1.3 |
| 1016C | 1:1 | 3.0 | 200 | 22 | 23 | 1.2 |
| 1017C | 1:1 | 0.8 | 130 | 4 | 20 | 0.4 |
| 1024C | 1.2CT:1CT | 8.8 | 340 | 60 | 25 | 2.5 |
| 1025C | 2:1:1 | 24 | 570 | 70 | 20 | 7.5 |
| 1026C | 1:1:1 | 6.0 | 285 | 30 | 30 | 4 |
| 1082C | 100:1 | 6.1 | 280 | - | 6 | 0.7 |

Download full datasheet:

www.murata-ps.com/data/magnetics/kmp_1000.pdf



THROUGH HOLE
GENERAL PURPOSE PULSE TRANSFORMERS



772 Series

| | |
|-------------------------------|-----------------|
| Inductance: | Up to 16.3mH |
| Isolation Voltage Max: | Up to 4000Vrms |
| Operating temp: | 0°C to +70°C |
| Height: | 12.3mm (0.484") |



20.3 x 25.4 x 12.3mm
(0.799 x 1.0 x 0.484")

| Model Number | Turns Ratio | Min. Primary Inductance | Min. Primary Constant, ET | Max. Leakage Inductance | Max. Interwinding Capacitance | Max. Primary DC Resistance |
|--------------|-------------|-------------------------|---------------------------|-------------------------|-------------------------------|----------------------------|
| | | mH | Vμs | μH | pF | Ω |
| 77201C | 1:1 | 1.0 | 120 | 2.0 | 50 | 0.25 |
| 77202C | 1:1:1 | 1.0 | 120 | 3.0 | 40 | 0.25 |
| 77203C | 2:1:1 | 1.0 | 120 | 3.5 | 30 | 0.24 |
| 77203HVC | 2:1:1 | 1.0 | 120 | 3.5 | 30 | 0.24 |
| 77204C | 1:1 | 4.0 | 240 | 5.0 | 55 | 0.86 |
| 77205C | 1:1:1 | 4.0 | 240 | 11 | 35 | 0.90 |
| 77205SC | 1:1:1 | 4.0 | 240 | 11 | 18 | 0.90 |
| 77206C | 2:1:1 | 4.0 | 240 | 11 | 35 | 0.84 |
| 77207C | 1:1 | 16.3 | 482 | 18 | 65 | 3.50 |
| 77208C | 1:1:1 | 16.3 | 482 | 40 | 40 | 3.60 |
| 77209C | 2:1:1 | 16.3 | 482 | 40 | 40 | 3.50 |

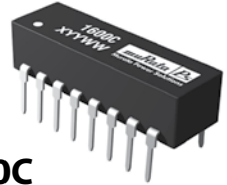
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Application-Specific Transformers

Transformers

THROUGH HOLE
APPLICATION-SPECIFIC TRANSFORMERS

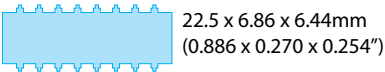


Quad Data-Bus Isolators

1600C & 1630C

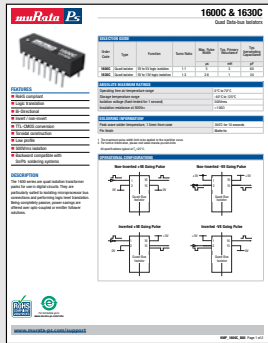
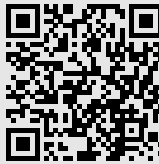
Features:

| | |
|---------------------|-----------------------|
| Logic translation | TTL-CMOS conversion |
| Bi-directional | Toroidal construction |
| Invert / non-invert | 500Vrms isolation |
| Height: | 6.44mm (0.254") |

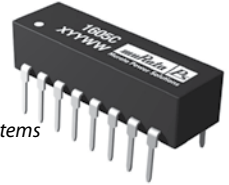


| Model Number | Logic Isolation | Turns Ratio | Max. Pulse Width | | Typ. Primary Inductance | Typ. Interwinding Capacitance |
|--------------|-----------------|-------------|------------------|----|-------------------------|-------------------------------|
| | | | μs | mH | | |
| 1600C | 5V to 5V | 1:1 | 5 | 3 | 60 | |
| 1630C | 5V to 15V | 1:3 | 2.6 | 1 | 34 | |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_1600.pdf



THROUGH HOLE
APPLICATION-SPECIFIC TRANSFORMERS

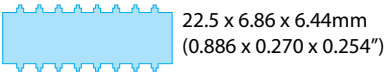


Lan-Pak for CSMA/CD Systems

1605C

Features:

| | |
|-----------------------------------|-----------------|
| 500Vrms isolation | |
| Industry-standard footprint | |
| Compatible with standard networks | |
| Height: | 6.44mm (0.254") |



| Model Number | Turns Ratio | Min. Primary Inductance | Max. DC Resistance | Min. ET Constant | Max. Leakage Inductance | Max. Interwinding Capacitance |
|--------------|-------------|-------------------------|--------------------|------------------|-------------------------|-------------------------------|
| | | μH | Ω | Vμs | μH | pF |
| 1605C | 1:1 | 26.0 | 0.2 | 1.8 | 0.2 | 8 |

Download full datasheet:
www.murata-ps.com/data/magnetics/kmp_1605.pdf



THROUGH HOLE
APPLICATION-SPECIFIC TRANSFORMERS



MAX250/MAX251 Compatible

78250 Series

Features:

- MAX250/MAX251 compatible
- Isolation to 4kVrms
- Industry-standard pinout

Height: 6.35mm (0.250")

9.52 x 9.0 x 6.35mm
(0.375 x 0.354 x 0.250")

| Model Number | Turns Ratio ±2% | Min. Primary Inductance | Min. Primary Constant ET | Max. Leakage Inductance | Typ. Interwinding Capacitance | Max. Primary DC Resistance |
|--------------|-----------------|-------------------------|--------------------------|-------------------------|-------------------------------|----------------------------|
| | | mH | Vμs | μH | pF | Ω |
| 78250C | 1CT:1CT | 1.0 | 50 | 3.0 | 69 | 2.0 |
| 78250VC | 1CT:1CT | 1.0 | 50 | 40 | 9 | 1.8 |

Download full datasheet:

www.murata-ps.com/data/magnetics/kmp_78250.pdf



SURFACE MOUNT
APPLICATION-SPECIFIC TRANSFORMERS



MAX250/MAX251 Compatible

78250J Series

Features:

- Maxim MAX250/MAX251 compatible
- Isolation to 4kVrms
- Surface mount option

Height: 6.35mm (0.250")

12.7 x 9.0 x 6.35mm
(0.500 x 0.354 x 0.250")

| Model Number | Turns Ratio ±2% | Min. Primary Inductance | Min. Primary Constant ET | Max. Leakage Inductance | Typ. Interwinding Capacitance | Max. Primary DC Resistance |
|--------------|-----------------|-------------------------|--------------------------|-------------------------|-------------------------------|----------------------------|
| | | mH | Vμs | μH | pF | Ω |
| 78250JC | 1CT:1CT | 1.0 | 50 | 3.0 | 48 | 2.0 |
| 78250JVC | 1CT:1CT | 1.0 | 50 | 40 | 4 | 1.8 |

Download full datasheet:

www.murata-ps.com/data/magnetics/kmp_78250j.pdf



THROUGH HOLE
APPLICATION-SPECIFIC TRANSFORMERS



MAX253 Compatible

78253 Series

Features:

- Maxim MAX253 compatible
- 3.3V and 5V versions
- Isolation to 4kVDC

Height: 6.35mm (0.250")

9.52 x 9.0 x 6.35mm
(0.375 x 0.354 x 0.250")

| Model Number | Turns Ratio ±2% | Min. Primary Inductance | Min. Primary Constant ET | Max. Leakage Inductance | Typ. Interwinding Capacitance | Max. Primary DC Resistance |
|--------------|-----------------|-------------------------|--------------------------|-------------------------|-------------------------------|----------------------------|
| | | mH | Vμs | μH | pF | Ω |
| 78253/35C | 1:2.27 | 0.30 | 30 | 1.00 | 30 | 1.00 |
| 78253/55C | 1:1.31 | 0.60 | 40 | 1.00 | 30 | 1.50 |
| 78253/35VC | 1:2.14 | 110 | 18 | 5.00 | 4.20 | 0.50 |
| 78253/55VC | 1:1.33 | 190 | 25 | 8.00 | 4.20 | 0.60 |

Download full datasheet:

www.murata-ps.com/data/magnetics/kmp_78253.pdf



SURFACE MOUNT
APPLICATION-SPECIFIC TRANSFORMERS



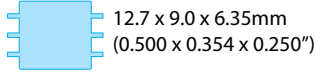
MAX253 Compatible

78253J Series

Features:

- Maxim MAX253 compatible
- 3.3V and 5V versions
- Isolation to 4kVDC

Height: 6.35mm (0.250")



| Model Number | Turns Ratio ±2% | Min. Primary Inductance | Min. Primary Constant, ET | Max. Leakage Inductance | Typ. Interwinding Capacitance | Max. Primary DC Resistance |
|--------------|-----------------|-------------------------|---------------------------|-------------------------|-------------------------------|----------------------------|
| | | mH | Vμs | μH | pF | Ω |
| 78253/35JC | 1:2.27 | 0.27 | 30 | 1.00 | 24 | 1.00 |
| 78253/55JC | 1:1.31 | 0.57 | 40 | 1.00 | 30 | 1.50 |
| 78253/35JVC | 1:2.14 | 0.11 | 18 | 5.00 | 2 | 0.50 |
| 78253/55JVC | 1:1.33 | 0.17 | 25 | 8.00 | 3.4 | 0.60 |

Download full datasheet:

www.murata-ps.com/data/magnetics/kmp_78253j.pdf



THROUGH HOLE
APPLICATION-SPECIFIC TRANSFORMERS



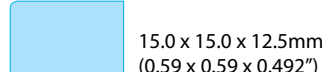
EN Approved
MAX250/MAX251/253

**76250ENC,
76253/XXENC**

Features:

- Maxim MAX250/MAX251/MAX253 compatible
- BS EN 60950 approved
- Isolation to 6kVDC

Height: 12.5mm (0.492")



| Model Number | Turns Ratio ±2% | Min. Primary Inductance | Min. Primary Constant, ET | Max. Leakage Inductance | Typ. Interwinding Capacitance | Max. Primary DC Resistance |
|--------------|-----------------|-------------------------|---------------------------|-------------------------|-------------------------------|----------------------------|
| | | mH | Vμs | μH | pF | Ω |
| 78250ENC | 1CT:1 | 1.0 | 50 | 40 | 1.5 | 2.0 |
| 78253/35ENC | 1:√5 | 0.14 | 25 | 7.0 | 2.7 | 0.8 |
| 78253/55ENC | 1:1.33 | 0.08 | 30 | 10 | 2.7 | 0.9 |

Download full datasheet:

www.murata-ps.com/data/magnetics/kmp_7625xen.pdf



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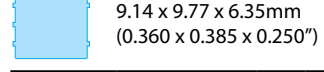
ADM2482E/
ADM2487E
Compatible

782482 Series

Features:

- Analog Devices ADM2482E/ADM2487E compatible
- 4.0kVDC isolation
- Industry-standard pinout

Height: 6.35mm (0.250mm)



| Model Number | Turns Ratio ±2% | Min. Primary Inductance | Min. Primary Constant, ET | Max. Leakage Inductance | Max. Interwinding Capacitance | Max. Primary DC Resistance |
|--------------|-----------------|-------------------------|---------------------------|-------------------------|-------------------------------|----------------------------|
| | | μH | Vμs | μH | pF | mΩ |
| 782482/33VC | 1CT:1.33CT | 190 | 13 | 8 | 8 | 600 |
| 782482/53VC | 1.14CT:1CT | 150 | 13 | 8 | 8 | 600 |

Download full datasheet:

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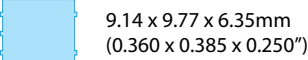
ADM2485 Compatible

782485 Series

Features:

- Analog Devices ADM2485 compatible
- 2.5kVrms isolation
- Industry-standard pinout

Height: 6.35mm (0.250")



| Model Number | Turns Ratio ±2% | Typ. Primary Inductance | Typ. Primary Constant, ET | Typ. Leakage Inductance | Max. Interwinding Capacitance | Max. Primary DC Resistance |
|--------------|-----------------|-------------------------|---------------------------|-------------------------|-------------------------------|----------------------------|
| | | μH | Vμs | nH | pF | mΩ |
| 782485/35C | 1CT:2.2CT | 234 | 12 | 168 | 50 | 500 |
| 782485/55C | 1CT:1.5CT | 513 | 19 | 192 | 50 | 600 |

Download full datasheet:

www.murata-ps.com/data/magnetics/kmp_782485c.pdf



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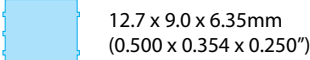
For Digital Audio

DA100 Series

Features:

- Compatible with leading chip sets
- 2kVrms isolation
- Industry-standard pinout

Height: 6.35mm (0.250")



Selection Guide

| Order Code | Turns Ratio | Primary Inductance | Max. Leakage Inductance (100kHz, 10mV) | Min. Volt-time Product, ET | Min. Return Loss (100kHz-3MHz) | Typ. Common Mode Rejection (100kHz, 1100) | Isolation (Flash tested for 1 second) |
|------------|-------------|--------------------|--|----------------------------|--------------------------------|---|---------------------------------------|
| | | mH | μH | Vμs | dB | dB | |
| DA101C | 1:1 | 1.00 - 2.06 | 0.22 | 15 | 46.80 | 52.10 | 2000 |
| DA102C | 1:1 | 2.00 - 3.90 | 0.39 | 20 | 40.40 | 49.70 | |
| DA103C | 1:1 | 4.00 - 7.75 | 0.91 | 28 | 36.30 | 46.40 | |

Download full datasheet:

www.murata-ps.com/data/magnetics/kmp_da100.pdf



SURFACE MOUNT
APPLICATION-SPECIFIC TRANSFORMERS



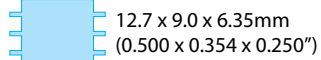
For Digital Audio

DA100J Series

Features:

- J-STD-020D reflow
- Compatible with leading chip sets
- 2kVrms isolation

Height: 6.35mm (0.250")



Selection Guide

| Order Code | Turns Ratio | Primary Inductance | Max. Leakage Inductance (100kHz, 10mV) | Min. Volt-time Product, ET | Min. Return Loss (100kHz-3MHz) | Typ. Common Mode Rejection (100kHz, 1100) | Isolation (Flash tested for 1 second) |
|------------|-------------|--------------------|--|----------------------------|--------------------------------|---|---------------------------------------|
| | | mH | μH | Vμs | dB | dB | |
| DA101JC | 1:1 | 1.00 - 2.20 | 0.36 | 15 | 34.6 | 55.9 | 2000 |
| DA102JC | 1:1 | 1.90 - 4.00 | 0.49 | 20 | 38.8 | 52.4 | |
| DA103JC | 1:1 | 3.20 - 8.50 | 0.91 | 28 | 34.9 | 48.5 | |

Download full datasheet:

www.murata-ps.com/data/magnetics/kmp_da100j.pdf

