



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.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SUMMARY

Wires

| | |
|---------|---|
| Low | 2 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



Image is for illustrative purpose only

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| | |
|------------------|-------------------|
| Series | 0K |
| Termination type | Female solder |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FGG.0K.302.CLAC20 |
| Status | |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | HE*: Fixed receptacle, nut fixing, watertight or vacuum-tight (back panel mounting) |
| Keying | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅ 0 - 0 mm |
| Variant | P : Watertight |

Performance

| | |
|---------------|--|
| Configuration | 0K.302 : 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 10 Amps |

Specifications

| | |
|--------------------------|-------------------------------|
| Contact Type: | Solder |
| Max. Matings: | 5000 |
| Contact Dia.: | 0.9 mm (0.035in) |
| Bucket Dia.: | 0.8 mm (0.031in) |
| Max. Solid Conductor: | 0.34 mm ² (AWG 22) |
| Max. Stranded Conductor: | 0.34 mm ² (AWG 22) |

R (max): 4.8 mOhm
 Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
 Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

Others

Endurance (Shell): 5000 mating cycles
 Temp (min / max): -20°C / +100°C
 Humidity (max): <=95% [at 60 deg C / 140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Salt Spray Corrosion: >144 hr
 Climatological Category: 20/80/21
 Shielding (min): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 Pressure: 60 bars
 IP Rating: 68

DRAWINGS

Draws



Dimensions


































| | A | B | E | L | M | P | S1 | e |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 18 | 18 | 2.4 | 22.5 | 3.5 | 7 | 12.5 | M14x1.0 |
| in. | 0,71 | 0,71 | 0,09 | 0,89 | 0,14 | 0,28 | 0,49 | |

RECOMMENDED BY LEMO

Tools

None

Cables

| | | | |
|--------------------|------|--------|---|
| CFN.3K.93C.092PNCA | PVC | Black |  |
| CFN.3K.93C.092PNCS | PVC | Black |  |
| CFN.3K.93C.160PNCA | PVC | Black |  |
| CFN.3K.93C.160PNCS | PVC | Black |  |
| CMN.02.T22.047PGCE | PVC | GREY |  |
| CMN.02.T22.047PGZE | | Grey |  |
| CMN.02.T22.047PNCE | PVC | Black |  |
| CMN.02.T22.047PNZE | | |  |
| CMN.02.T28.030PGCE | PVC | GREY |  |
| CMN.02.T28.030PGZE | | Grey |  |
| CMN.02.T28.030PNCE | PVC | Black |  |
| CMN.02.T28.030PNZE | | |  |
| 002 050 | PVC | Black |  |
| 002 080 | PVC | Grey | |
| 002 221 | PVC | Black |  |
| 002 260 | PTFE | White |  |
| 002 280 | PVC | Black |  |
| 004 082 | PVC | Grey | |
| 020 140 | PVC | Grey |  |
| 020 140 | PVC | Grey |  |
| 020 141 | PVC | Grey |  |
| 020 142 | PVC | Red |  |
| 020 143 | PVC | Green |  |
| 020 144 | PVC | Black |  |
| 020 145 | PVC | Yellow |  |
| 020 146 | PVC | Black |  |
| 020 240 | PTFE | White |  |
| 020 260 | PVC | Black |  |
| 020 264 | PVC | Black |  |
| 020 266 | PVC | Violet |  |
| 020 550 | PUR | Black |  |
| 020 560 | PUR | White |  |
| 102 080 | PVC | Grey | |
| 120 184 | PVC | Black |  |
| 120 240 | PVC | Black |  |
| 120 250 | PVC | Grey |  |
| CCX.50.RG1.74U30B | TFE | White | |
| CMB.02.210.635 | PUR | Black | |

