



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!



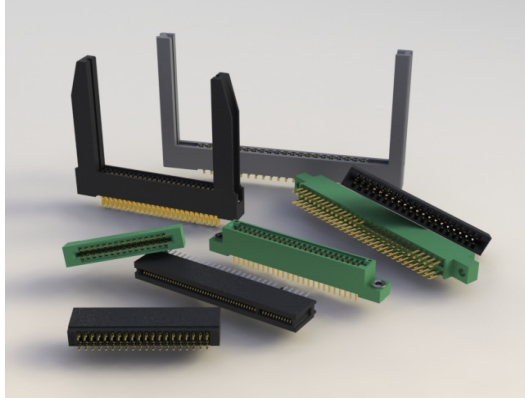
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





FEATURES:

- .100" (2.54mm) Contact Spacing x .300" (7.62mm) Row Spacing
- Accepts .125" (3.18mm) Nominal Thickness P.C. Board
- Contact termination options include P.C. Tail, Wire Hole and .025" (0.64mm) Square Wire Wrap
- High Profile Insulator Body .600" (15.24mm)
- Single or Dual Row Configurations
- Variety of Mounting Options
- Accepts In-Contact Polarizing Keys
- Automatic Wire Wrap Positioning Holes
- RoHS Compliant

Specifications:

| | |
|------------------------------|--|
| Insulator Material | UL 94V-0 Polyphenylene Sulphide, Green Color |
| Contact Material | Copper Alloy |
| Contact Plating | Gold Plating on mating area and Tin Plating on tails with Nickel underplating all over |
| Current Rating | 3 Amperes |
| Contact Resistance | 10 milliohms maximum |
| Dielectric Withstand Voltage | 1200 VAC rms at sea level between adjacent contacts |
| Insulation Resistance | 5000 Megohms minimum |
| Operating Temperature | -65°C to +125°C |
| Insertion Force | 16oz (4.45N) maximum per contact pair when tested with .135" (3.43mm) thick gauge |
| Withdrawal Force | 1oz (0.28N) minimum per contact pair when tested with .115" (2.92mm) thick gauge |

Example Part Number: **325-122-520-209**

Series _____

Total Number of Contacts _____

Contact Code _____

Contact Rows _____

Mounting Options _____

Series: 325

Total Number of Contacts:

005, 006, 061
010, 012, 122

Contact Rows

Single Row
Dual Row

Contact Rows

1
2

Description

Single Row
Dual Row

| Contact Code | Description & Contact Point | Tail Length "G" |
|--------------|-------------------------------------|-----------------|
| 500 | Wire Hole .050 x .025 (1.27 x 0.64) | .260 (6.60) |
| 520 | P.C. Tail .025 Square (0.64 Square) | .175 (4.45) |
| 540 | Wire Wrap .025 Square (0.64 Square) | .560 (14.22) |

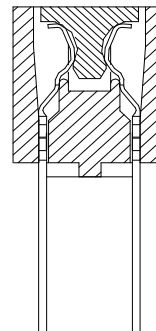
Mounting Options:

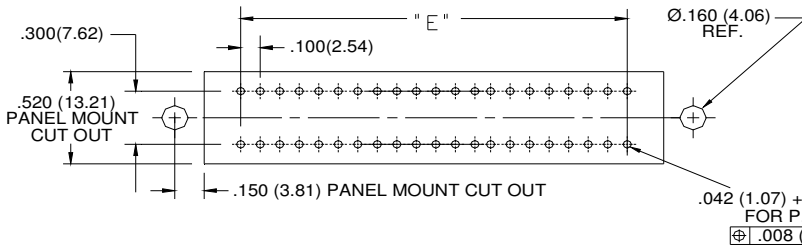
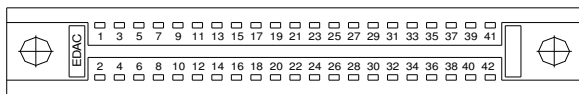
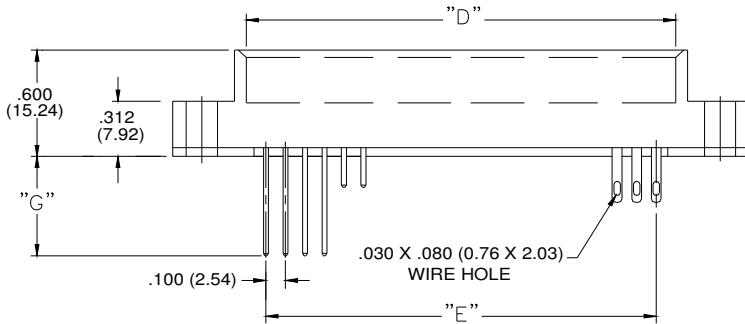
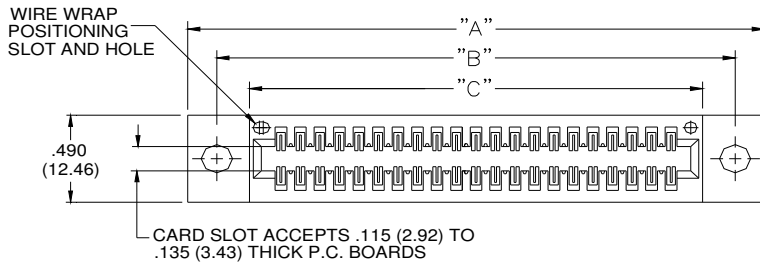
| Mounting Options | Description |
|------------------|---------------------------------|
| 01 | No Mounting Lug |
| 07 | M3-0.5 Metric Threaded Inserts |
| 08 | #4-40 Unified Threaded Inserts |
| 09 | Ø.160" (Ø4.06mm) Mounting Holes |

Ordering Code Notes:

- 1) All connector sizes up to 61 contacts single row / 122 contacts dual row are available upon request.
- 2) For details of the mounting options, refer to next pages.

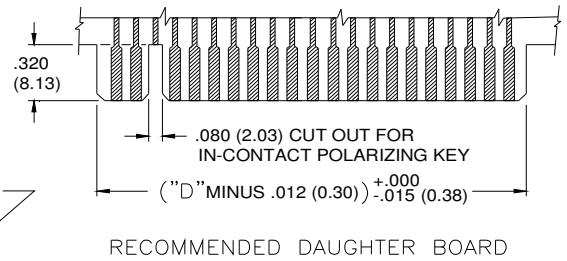
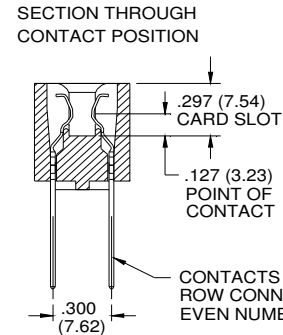
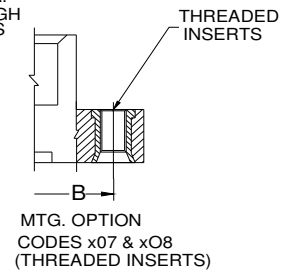
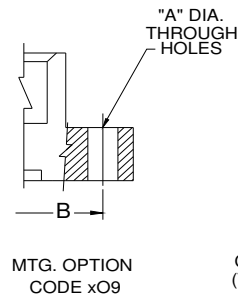
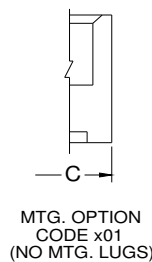
IN-CONTACT POLARIZING KEY P/N 325-240-328





CONNECTOR MOUNTING PATTERN

| CODE X09 - THROUGH MTG. HOLES | | |
|------------------------------------|----------------|-------------|
| | | CODE X09 |
| "A" DIA. | | 0.160(4.06) |
| CODE X07 AND X08- THREADED INSERTS | | |
| | CODE X07 | CODE X08 |
| INSERT | M3-0.5(METRIC) | #4-40 UNC |



RECOMMENDED DAUGHTER BOARD

| NUMBER OF CONTACTS | | "A" | | "B" | | "C" | | "D" | | "E" | |
|--------------------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| Single | Double | Inch | mm | Inch | mm | Inch | mm | Inch | mm | Inch | mm |
| 5 | 10 | 1.355 | 34.42 | 1.056 | 26.82 | 0.722 | 18.34 | 0.600 | 15.24 | 0.400 | 10.16 |
| 15 | 30 | 2.355 | 59.82 | 2.056 | 52.22 | 1.722 | 43.74 | 1.600 | 40.64 | 1.400 | 35.56 |
| 18 | 36 | 2.655 | 67.44 | 2.356 | 59.84 | 2.022 | 51.36 | 1.900 | 48.26 | 1.700 | 43.18 |
| 22 | 44 | 3.055 | 77.60 | 2.756 | 70.00 | 2.422 | 61.52 | 2.300 | 58.42 | 2.100 | 53.34 |
| 15 | 30 | 3.355 | 85.22 | 3.056 | 77.62 | 2.722 | 69.14 | 2.600 | 66.04 | 2.400 | 60.96 |
| 30 | 60 | 3.855 | 97.92 | 3.556 | 90.32 | 3.222 | 81.84 | 3.100 | 78.74 | 2.900 | 73.66 |
| 36 | 72 | 4.455 | 113.16 | 4.156 | 105.56 | 3.822 | 97.08 | 3.700 | 93.98 | 3.500 | 88.90 |
| 40 | 80 | 4.855 | 123.32 | 4.556 | 115.72 | 4.222 | 107.24 | 4.100 | 104.14 | 3.900 | 99.06 |
| 43 | 86 | 5.155 | 130.94 | 4.856 | 123.34 | 4.522 | 114.86 | 4.400 | 111.76 | 4.200 | 106.68 |
| 50 | 100 | 5.855 | 148.72 | 5.556 | 141.12 | 5.222 | 132.64 | 5.100 | 129.54 | 4.900 | 124.46 |
| 61 | 122 | 6.955 | 176.66 | 6.656 | 169.06 | 6.322 | 160.58 | 6.200 | 157.48 | 6.000 | 152.40 |