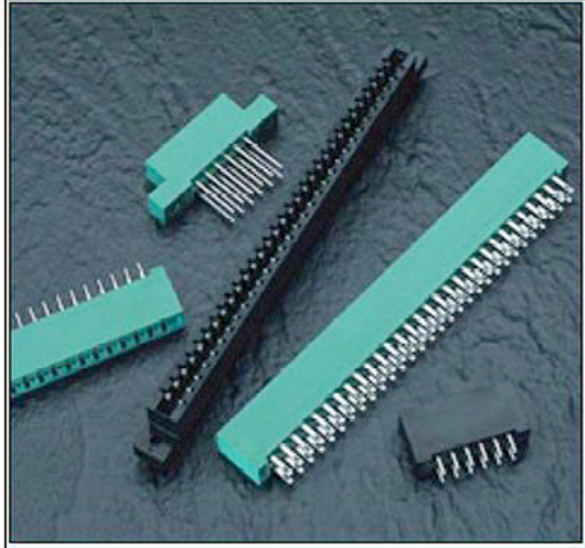




SERIES 345/395



FEATURES

- UL Recognized
- .100 (2.54) Contact Spacing x .200 (5.08) Row Spacing
- Accepts .062 (1.57) Nominal Thickness P.C. Board
- High Profile Insulator Body, .600 (15.24)
- Contact Termination Options include P.C Tail, Wire Hole, Wire Wrap, 90 Degree & Extender Board Bends
- Single or Dual Row Configurations
- Large Variety of Mounting Options, Flush or Offset Lugs
- Pre-assembled Card Guides Available
- Accepts Between Contact and In-Contact Polarizing Keys
- Automatic Wire Wrap Positioning Holes

SPECIFICATIONS

- Insulator Material: Thermoplastic Polyester, UL 94V-0.
- Contact Material: Copper, Nickel, Tin Alloy CA-725
- Contact Plating: Gold on the Mating Area, Tin on the Contact Tails, Nickel Underplate
- Current Rating: 3 Amperes Continuous
- Contact Resistance: 10 Milliohms Maximum
- Dielectric Withstanding Voltage: 1200 V AC rms at Sea Level Between Adjacent Contacts
- Insulation Resistance: 5000 Megohms Minimum
- Operating Temperature: -65 to +105 Degrees C
- Insertion Force: 16 oz (4.45 N) Maximum per Contact Pair when Tested with a .070 (1.78) Thick Gauge
- Withdrawal Force: 1 oz (.28 N) Minimum per Contact Pair when Tested with a .054 (1.37) Thick Gauge

Example Part Number 345 - 050 - 520 - 2 02

Series _____
 Total Number of Contacts _____
 Contact Code _____
 Contact Rows and Insulator Style _____
 Mounting Options _____

| Series | Insulator Colour |
|--------|------------------|
| 345 | Green |
| 395 | Black |

| Total Number of Contacts | Contact Rows |
|--------------------------|--------------|
| 005, 006, ..., 072 | Single Row |
| 010, 012, ..., 144 | Dual Row |

| Contact Code | Description & Tail Size | Tail Length "G" |
|--------------|---|-----------------|
| 500 | Wire Hole .050 x .025 (1.27 x 0.64) | .260 (6.60) |
| 520 | P.C. Tail .030 x .018 (0.76 x 0.46) | .175 (4.45) |
| 521 | P.C. Tail .025 Square (0.64 Square) | .150 (3.81) |
| 523 | P.C. Tail .025 Square (0.64 Square) | .390 (9.91) |
| 524 | P.C. Tail .018 Square (0.46 Square) | .175 (4.45) |
| 540 | Wire Wrap .025 Square (0.64 Square) | .560(14.22) |
| 541 | Wire Wrap .025 Square (0.64 Square) | .750(19.05) |
| 542 | Wire Wrap .025 Square (0.64 Square) | .645(16.38) |
| 544 | Wire Wrap .050 x .025 (1.27 x 0.64) | .750(19.05) |
| 555 | Extender Board Bend (Code 500 Contacts) | |
| 556 | Extender Board Bend (Code 520 Contacts) | |
| 558 | 90 Degree Bend (Code 541 Contacts) | |
| 559 | 90 Degree Bend (code 541 Contacts) | |
| 560 | Extender Board Bend (Code 523 Contacts) | |

| Contact Rows and Insulator Style | Description |
|----------------------------------|-------------------------------------|
| 1 | Single Row, Flush Mounting Lugs |
| 2 | Dual Row, Flush Mounting Lugs |
| 4 | Single Row, .110 (2.79) Offset Lugs |
| 5 | Dual Row, .110 (2.79) Offset Lugs |
| 6 | Single Row, .170 (4.32) Offset Lugs |
| 8 | Dual Row, .170 (4.32) Offset Lugs |

| Mounting Options | Description |
|------------------|--|
| 01 | No Mounting Lugs |
| 02 | .128 (3.25) Dia. Mounting Holes |
| 03 | .116 (2.95) I.D. Floating Eyelets |
| 04 | .156 (3.96) Dia. Mounting Holes |
| 07 | M3-0.5 Metric Threaded Inserts |
| 08 | #4-40 Unified Threaded Inserts |
| 12 | .128 (3.25) Dia. Side Mounting Holes |
| 58 | .468 (11.89) Offset Card Guides |
| 78 | In-Line Card Guides 2.750 (69.85) Long |
| 88 | In-Line Card Guides 1.250 (31.75) Long |

Ordering Code Notes

- All connector sizes up to 72 contacts single row / 144 contacts dual row are available upon request
- The 500 contact code is only available in the 345 series. Diallyl Phthalate insulator material will be supplied
- For lugless connectors, code 01 mounting, specify contact rows codes 1 or 2