



### FEATURES

- 0.156" (3.96mm) Contact Spacing by 0.200" (5.08mm) Row Spacing
- Accepts .062" (1.57mm) Nominal Thickness P.C. Board
- High Profile Insulator Body, .600" (15.24mm)
- Card Slot Depth of .330" (8.38mm)
- Contact Termination Options include P.C. Tail, Wire Hole, Wire Wrap, 90° and Extender Board Bends
- Single or Dual Row Configurations
- Large Variety of Mounting Options, Flush or Offset Lugs
- Accepts between Contact and In-Contact Polarizing Keys
- Pre-assembled Card Guides are available
- RoHS Compliant, UL certified

### Specifications:

Insulator Material	UL 94V-0 Thermoplastic Polyester
Contact Material	Copper Alloy
Contact Plating	Gold Plating on mating area and Tin Plating on tails with Nickel underplating all over
Current Rating	3 Ampere
Contact Resistance	10milliohms maximum
Dielectric Withstand Voltage	1800 VAC rms at sea level between adjacent contacts
Insulation Resistance	5000 Megaohms minimum
Operating Temperature	Operating Temperature: -40°C to +105°C
Insertion Force	16oz (4.45N) maximum per contact pair when tested with .070" (1.78mm) thick gauge
Withdrawal Force	1oz (0.28N) minimum per contact pair when tested with .054" (1.37mm) thick gauge

Example Part Number

**337-086-524-204**

Series

Total Number of Contacts

Contact Code

Contact Rows and Insulator Style

Mounting Options

### Series

337

387

### Insulator Color

Green

Black

### Contact Rows and Insulator Style

1	Single Row, Flush Mounting Lugs
2	Dual Row, Flush Mounting Lugs
6	Single Row, .170 (4.32) Offset Lugs
8	Dual Row, .170 (4.32) Offset Lugs

### Total Number of Contacts:

006, 007, . . . 043

012, 014, . . . 086

### Contact Rows

Single Row

Dual Row

### Mounting Options

01	No Mounting Lug
02	Ø.128" (Ø3.25mm) Mounting Holes
03	Ø.116" (Ø2.95mm) I.D. Floating Eyelets
04	Ø.156" (Ø3.96mm) Mounting Holes
07	M3-0.5 Metric Threaded Inserts
08	#4-40 Unified Threaded Inserts
12	Ø.128" (Ø3.25mm) Side Mounting Holes
58	.468" (11.89mm) Offset Card Guides
68	.344" (8.74mm) Offset Card Guides
78	In-Line Card Guides

### Contact Code

500 Wire Hole

520 P.C. Tail

521 P.C. Tail

523 P.C. Tail

524 P.C. Tail

540 Wire Wrap

541 Wire Wrap

542 Wire Wrap

544 Wire Wrap

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)

### Description & Tail Size

.050 x .025 (1.27 x 0.64)

.030 x .018 (0.76 x 0.46)

.025 Square (0.64 Square)

.025 Square (0.64 Square)

.018 Square (0.46 Square)

.025 Square (0.64 Square)

.025 Square (0.64 Square)

.025 Square (0.64 Square)

.050 x .025 (1.27 x 0.64)

### Tail Length "G"

.260 (6.60)

.175 (4.45)

.150 (3.81)

.390 (9.91)

.175 (4.45)

.560 (14.22)

.750 (19.05)

.645 (16.38)

.750 (19.05)

### Ordering Code Notes:

- 1) All connector sizes up to 43 contacts single row / 086 contacts dual row are available upon request.
- 2) The 500 contact code is only available in the 337 series. Green polyphenylene sulphide insulator material will be supplied.
- 3) For details of the extender board and 90 degree bends refer to our website.
- 4) For lugless connectors, code 01 mounting, specify contact row code 1 or 2.
- 5) In-line card guides are only with offset mounting lugs.
- 6) For details of the mounting options refer to next pages.

# Mouser Electronics

Authorized Distributor

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EDAC:

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