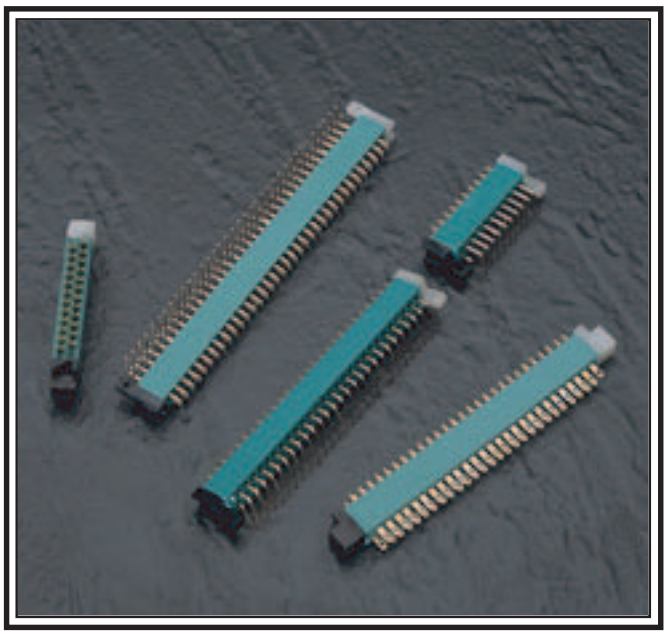
417 SERIES METAL TO METAL (TWO PIECE) CONNECTOR

Plug



FEATURES

- .100 (2.54) Contact Spacing x .100 (2.54) Row Spacing with Staggered Grid
- Edacon Hermaphroditic Contact Mating Design
- Contact Termination Options include P.C. Tail, Wire Hole and 90 Degree Bends
- Polarizing End Guides Included, Centre Guide Optional
- Self Tapping Screws or Mounting Eyelets Supplied
- Designed to Mate with 418 Series

SPECIFICATIONS

- Insulator Material: Polyphenylene Sulphide, UL 94V-0, Colour: Green
- Contact Material: Phosphor Bronze Alloy CA-510
- Contact Plating: Gold over Nickel for Entire Contact
- Current Rating: 5 Amperes Continuous
- Contact Resistance: 10 Milliohms Maximum
- Dielectric Withstanding Voltage: 1000 V AC rms at Sea Level
- Insulation Resistance: 5000 Megohms Minimum
- Operating Temperature: -65 to +105 Degrees C
- Insertion and Withdrawal Force: 2 to 16 oz (0.56 to 4.45 N) per Contact Position

417 SERIES ORDERING CODE

Example Part Number 417 - 054 - 560 - 401

Series
Total Number of Contacts
Contact Code
Guide and Mounting Options

Series 417

Total Number of Contacts [1]	Description
002, 004,...076	With End Guides Only
004, 008,...152	With End and Centre Guides

Contact Code [2]	Description & Tail Size	Tail Length "G"
500	Wire Hole .054 x .020 (1.37 x 0.51)	.157 (3.99)
520	P.C. Tail .020 (0.51) Square	.093 (2.36)
522	P.C. Tail .020 (0.51) Octagonal	.250 (6.35)
541	P.C. Tail .020 (0.51) Octagonal	.453(11.51)
560	90 Degree Bend (Code 522 and 541 Contacts)	
561	90 Degree Bend (Code 522 and 541 Contacts)	

Guide and Mounting Options [2]	Description
401	End Guides Only - 2 Mounting Holes
501	End and Centre Guides - 3 Mounting Holes

Ordering Code Notes

1) All connector sizes up to 76 contacts (end guides only) or up to 152 contacts (end and centre guides) are available upon request.
2) Connectors with wire hole or p.c. tail contacts are supplied with self tapping screws. Connectors with 90 degree bend contacts are supplied with eyelets.

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