Varilok®

Series 8020 - Cable Connector

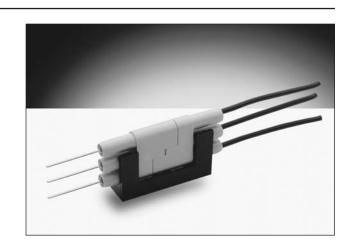


APPLICATION

In line connection of 2 or 3 wire of 18-26 AWG, insulation ø1.03 mm to 1.88 mm.

FEATURES AND BENEFITS

- 2 and 3 position in single row
- Uses identical molding for plug and socket
- Uses identical contact for plug and socket
- Uses standard Varicon 8016 contacts
- Uses standard Varicon Crimping Tools, Contact Extraction Tools and Insertion Tools
- Has combined nylon mounting and locking clip common to both sizes
- Contacts for both solder and crimp termination



TECHNICAL SPECIFICATIONS

Contact:

Single row of 2 or 3 Varilok contacts

Configuration:

On a 0.200 inch pitch, 5.08 mm

Contact Rating:

8.5 amperes

Contact Resistance:

6 milliohms (max)

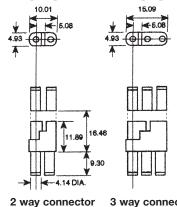
Insulation Resistance:

5,000 megohms (min)

Voltage Proof:

2,500 volts R.M.S. Sea Level

CONNECTOR DIMENSIONS (mm)

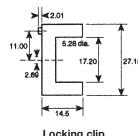


housing

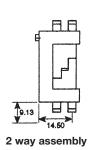
3 way connector housing

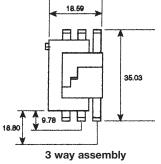
LOCKING CLIP DIMENSIONS (mm)

P/N 608020321000000

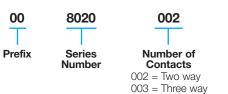


Locking clip





ORDERING CODE FOR COMPLETE CONNECTORS WITH NON-CRIMP CONTACTS FITTED



*Contact terminations should be insulated because they may protrude from the insulator.

NB: See page 25 for details of contacts.

*Contact Termination

000 = Crimp Contacts (Ordered Separately)

217

217 = Solder Tag

218 = Wire Wrap (0.61 x 1.27 x 14.4mm) 296 = Mini Wire Wrap (0.61 x 0.66 x 4.73mm)

504 = Solder Tail (0.61 x 0.66 x 4.32mm)



ORDERING CODE FOR HOUSINGS AND CRIMP CONTACTS

Description	Part Number	Description	Part Number
2 way connector: Housing only	60-8020-3117-00-000	0.25µM Gold reeled crimp contacts (gold all over)	60-8017-0323-99-339
3 way connector: Housing only	60-8020-3317-00-000	0.25µM Gold reeled crimp contacts (selective)	60-8017-0323-99-042
0.25µM Gold loose crimp contacts (gold all over)	60-8017-0313-00-339	NB: See page 25 for details of crimp contacts	
0.25µM Gold loose crimp contacts (selective)	60-8017-0313-00-042	Locking clip	60-8020-3210-00-000

