

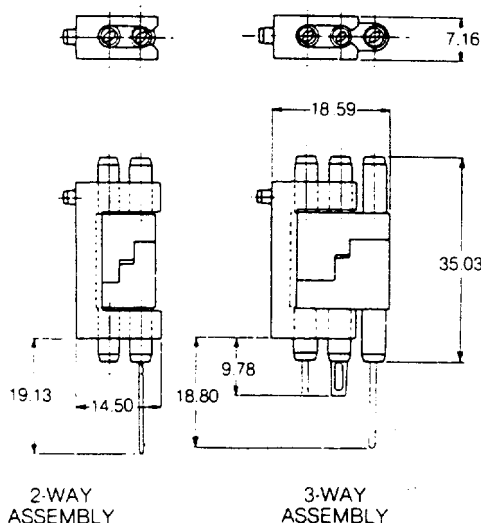
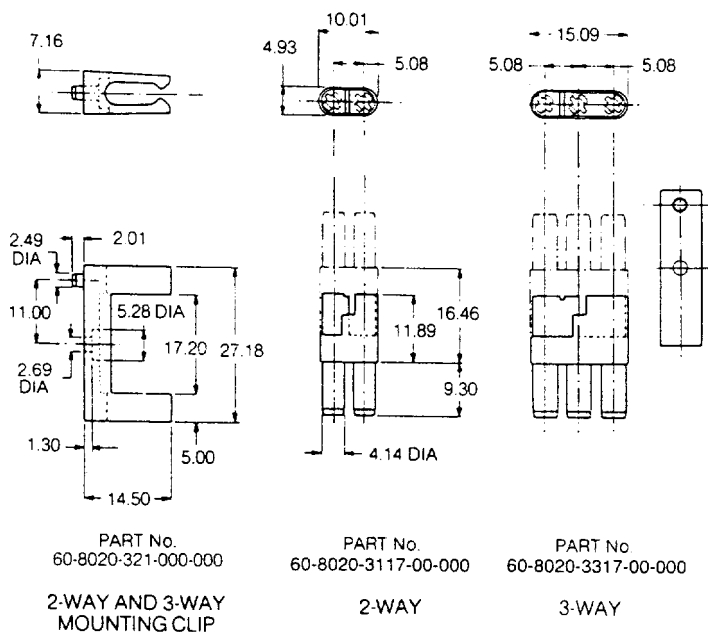
# VARELCO VARELCO

**Series 8020**

## Cable Connector

Available in 2 and 3 ways, this connector consists of two identical mating mouldings in polycarbonate, held together by a nylon mounting clip common to both sizes. The connector is designed for in-line connection of cables and uses phosphor bronze Varilok\* contacts nickel plated and gold finished.

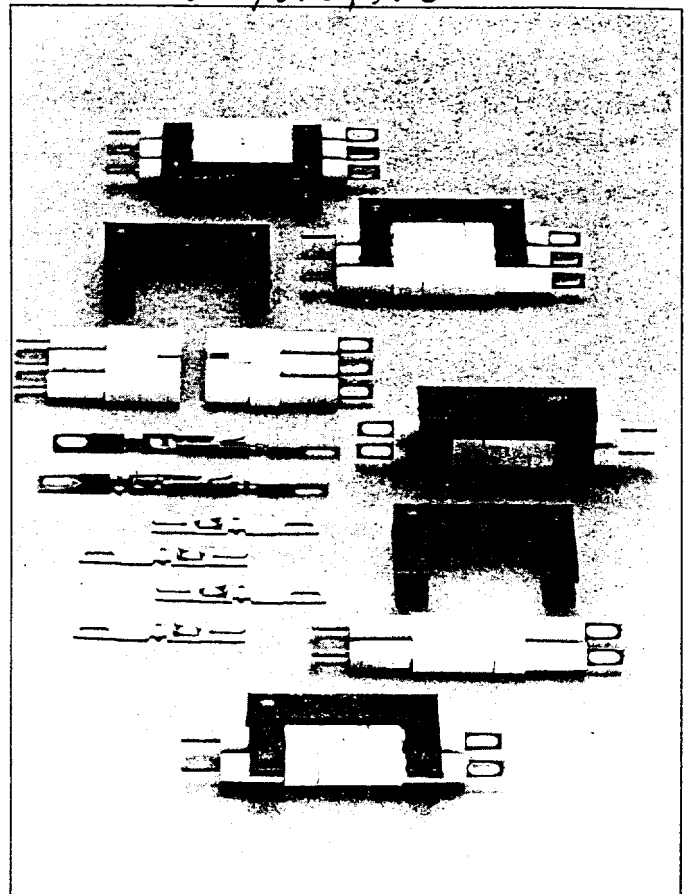
\*Trade Mark



Contacts ordered separately. See overleaf.

ALL DIMENSIONS ARE IN MM

637-506/518/520



### Technical Specification

Contact	Single row of 2 or 3 Varilok contacts
Configuration	on a .200 inch pitch
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
Temperature	-55°C to 125°C

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**Elco  
Europe Ltd**

# Series 8020

## Cable Connector

### TOOLS

#### Contact Insertion Tools

These are small hand tools which provide a positive method for inserting contacts into the insulator by applying pressure on the contacts directly to the end of the insulation crimp.

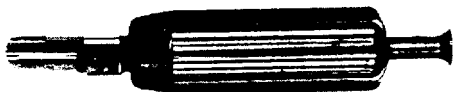
Tool No.	Contact capability
06 1742 0400 00 000	VARILOK™ No 60 8017 0313



#### Contact Extraction Tools

This tool is designed to extract contacts from their insulator quickly and easily, without damage to either contacts or insulator.

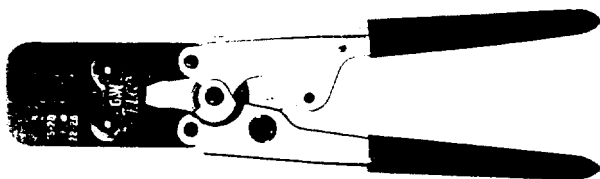
Tool No.	Contact capability
06 1877 0400 00 000	VARILOK™ No 60 8017 Family



#### Hand Crimp Tool

This tool is designed for hand crimping of contacts; the tool is well suited for maintenance, model shop, laboratory and small scale production purposes. Two crimping cavities are available to accommodate wire of 18-26 AWG. Upper cavity 18-22 AWG. Lower cavity 22-26 AWG

Part No.	Contact capability	Wire type & size
06 7852 0100 00 000	VARILOK™ No 60 8017 0313	Stranded — AWG No 18-26



### ORDERING CODE FOR CONNECTOR WITH CONTACTS LOADED

Complete a 15 digit assembly number for each mating part  
Example: 00-8020-002-217-001

00	Connector Code Prefix
8020	Series Number
	Number of Contacts
002	Two Way
003	Three Way
*	Contact Termination
†217	Solder Tag (60-8017-0513)
†218	Wire Wrap (60-8017-0613) .61 x 1.27 x 14.40mm
†296	Mini Wire Wrap (60-8017-0633) .61 x .66 x 4.73mm
504	Solder Tail (60-8017-0663) .61 x .66 x 4.32mm
001	Variation Code

\* Note: For factory installed contacts use three digit code as indicated.

For mouldings only use the following part nos.

2 way 60-8020-3117-00-000

3 way 60-8020-3317-00-000

For crimp contact (18-26 AWG) part numbers are:-

Contacts loose 60-8017-0313

Contacts on reel 60-8017-0323

† Contact terminations should be insulated because they protrude from the insulator

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