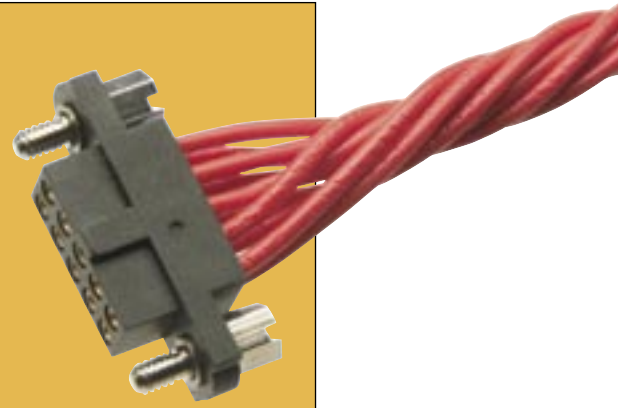


# Datamate Connectors

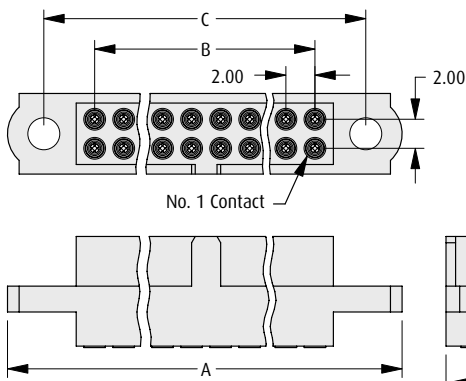
## Female Crimp

- ❖ Polarised mouldings.
- ❖ Fully shrouded contacts.
- ❖ Large bore 22 AWG, small bore 24-28 AWG.
- ❖ Jackscrews are assembled where specified.
- ❖ Crimp contacts are rear insertable.
- ❖ Mates with male connectors shown on page 85 to 88.
- ❖ Part numbers are for housings and the equivalent no of contacts.

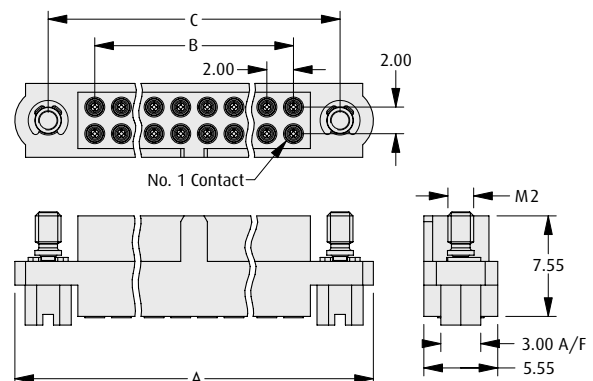


2mm PITCH

### WITHOUT JACKSCREWS



### WITH JACKSCREWS



#### CALCULATION

<b>A</b>	$B + 5.30$
<b>B</b>	Total No. of contacts - 2

### CRIMP BARREL SIZE

CRIMP TYPE	WIRE SIZE (AWG)	STRANDING (MM)	CRIMP TOOL SETTING	PULL-OFF FORCE (NEWTONS)
Small Bore	28	7/0.125	6	12.5
Small Bore	26	19/0.1	6	25.0
Small Bore	24	7/0.2	6	44.0
Large Bore	22	19/0.15	6	50.0

Wire Specification: 22 AWG to 28 AWG, BS 3G 210 Type A

### TOOLS

**Recommended Crimp Tool** - M22520/2-01,  
**Positioner** - T5747,  
**Contact Insertion/Removal Tool** - Z80-280.  
See page 108.

- ❖ Instruction sheets available.

### WIRE STRIPPING DETAILS



### HOW TO ORDER

**M80 - XXX XX 01**

#### SERIES CODE

#### TYPE

<b>011</b>	Large Bore Contact	<b>461</b>	Small Bore, with Jackscrews
<b>013</b>	Small Bore Contact	<b>470</b>	Large Bore, without Jackscrews
<b>460</b>	Large Bore, with Jackscrews	<b>471</b>	Small Bore, without Jackscrews

#### FINISH

**01** Gold + Tin

#### TOTAL NO. OF CONTACTS

Connector	<b>06, 10, 14, 20, 26, 34, 42, 50</b>
Contacts	<b>00</b>

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