

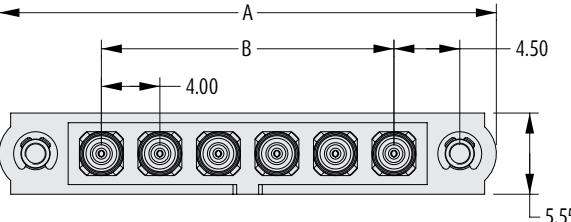
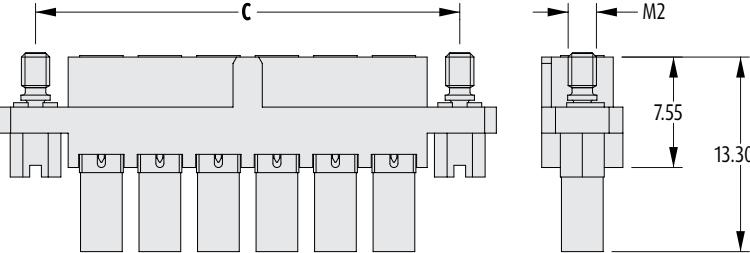
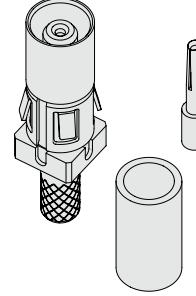
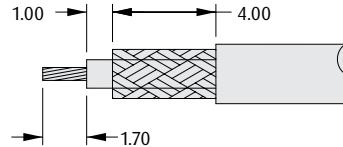
# Datamate Connectors

Datamate **Coax**

## Jack (Female) Crimp

- A selection of stocked jack cable connectors in standard layouts.
- 6GHz, 50Ω Coax contacts, suitable for RG178 cable.
- Crimp tooling on pages 87 to 89.
- Polarised mouldings.
- Hexagonal slotted jackscrew style.
- Mates with plug connectors on pages 81b and 81c.



CABLE	CALCULATION
	<b>A</b> B + 14
	<b>B</b> (No. of Coax contacts - 1) x 4
	<b>C</b> B + 9
 	For Spare Contacts, use Order Code: <b>M80-305</b> 
TOOLS	WIRE STRIPPING DETAILS
<b>Recommended Crimp Tool</b> - Z80-292, Z80-293 <b>Positioner</b> - Z80-291 (use with Z80-292) <b>Contact Removal Tool</b> - Z80-290 See pages 87 to 89 ▪ Instruction sheets available at <a href="http://www.harwin.com/instructions">www.harwin.com/instructions</a>	
HOW TO ORDER	
<b>M80 - FC 305 F1 - XX</b>	
<b>COAX CONTACT TYPE</b> <b>305</b> Ø2.00mm cable	<b>NO. OF COAX CONTACTS</b> <b>02, 04, 06, 08</b>

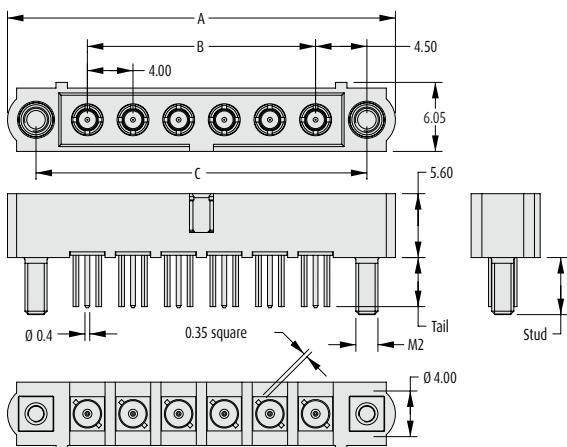
All dimensions in mm.

### Plug (Male) Vertical PC Tail

- Stocked coax connectors in vertical orientation, with board-mount jackscrews for added security.
- 6GHz, 50Ω Coax contacts.
- Choice to suit two PCB thicknesses.
- Order board mount nuts separately: **M80-2130000B**
- Screwdriver **Z80-298** available for assembling jackscrew nuts (see page 88).
- Mates with jack connectors on page 81a.

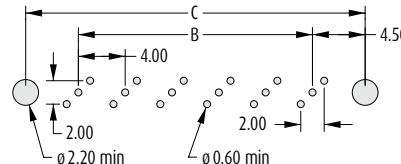


#### VERTICAL



#### CALCULATION

<b>A</b>	$B + 14$
<b>B</b>	(No. of Coax contacts - 1) x 4
<b>C</b>	$B + 9$



Recommended PCB Pattern

#### HOW TO ORDER



**M80 - MV 3XX MX - XX**

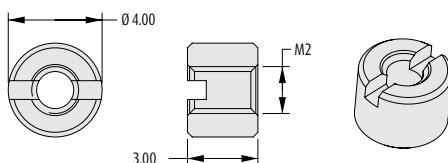
#### TYPE

<b>311M2</b>	3mm Tail with 3.5mm Board Mount Stud
<b>312M3</b>	4.5mm Tail with 5mm Board Mount Stud

#### NO. OF COAX CONTACTS

**02, 04, 06, 08**

#### REQUIRED HARDWARE



Order separately from connector

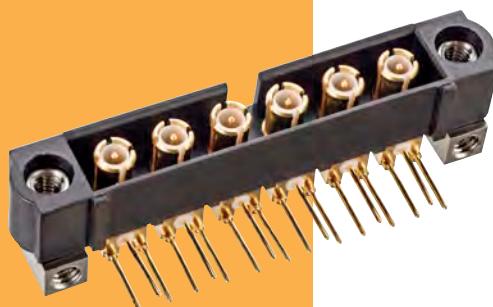
ORDER CODE

**M80-2130000B**

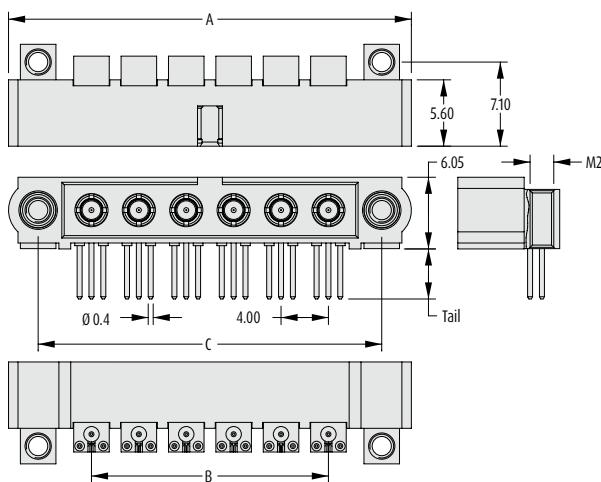
All dimensions in mm.

### Plug (Male) Horizontal PC Tail

- Stocked coax connectors in horizontal orientation, with board-mount jackscrews for added security.
- 6GHz, 50Ω Coax contacts.
- Choice to suit two PCB thicknesses.
- Order board mount bolts separately: **M80-2270000B**
- Mates with jack connectors on page 81a.

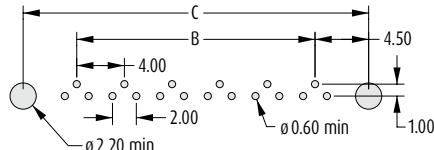


#### HORIZONTAL



#### CALCULATION

<b>A</b>	$B + 14$
<b>B</b>	(No. of Coax contacts - 1) x 4
<b>C</b>	$B + 9$



Recommended PCB Pattern

#### HOW TO ORDER

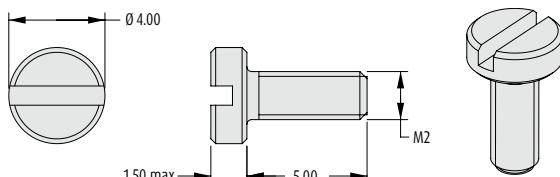


**M80 - MH 3XX M5 - XX**

TYPE	
<b>313</b>	3mm PC Tail
<b>314</b>	4.5mm PC Tail

NO. OF COAX CONTACTS	
<b>02, 04, 06, 08</b>	

#### REQUIRED HARDWARE



Order separately from connector

ORDER CODE	
<b>M80-2270000B</b>	

All dimensions in mm.