



Datamate Connectors

Male Connectors – Horizontal PC Tail

- ❖ Mates with female connectors on page 15 – 17.
- ❖ For British Standard versions see page 8.
- ❖ Supplied with strain relief straps:
Order code M80-0030006

SINGLE ROW	CALCULATION	DOUBLE ROW	CALCULATION												
Friction lock or latch (when fitted) adds 0.5mm to overall length 'A'	A B + 5.60	Friction lock or latch (when fitted) adds 0.5mm to overall length 'A'	A B + 5.60												
	B (Total No. of contacts - 1) x 2		B Total No. of contacts - 2												
Recommended PC Board Pattern	<table border="1"> <thead> <tr> <th colspan="2" style="background-color: #f4a460;">CALCULATION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B + 5.60</td> </tr> <tr> <td>B</td> <td>(Total No. of contacts - 1) x 2</td> </tr> </tbody> </table>	CALCULATION		A	B + 5.60	B	(Total No. of contacts - 1) x 2	Recommended PC Board Pattern	<table border="1"> <thead> <tr> <th colspan="2" style="background-color: #f4a460;">CALCULATION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>B + 5.60</td> </tr> <tr> <td>B</td> <td>(Total No. of contacts - 1) x 2</td> </tr> </tbody> </table>	CALCULATION		A	B + 5.60	B	(Total No. of contacts - 1) x 2
CALCULATION															
A	B + 5.60														
B	(Total No. of contacts - 1) x 2														
CALCULATION															
A	B + 5.60														
B	(Total No. of contacts - 1) x 2														

HOW TO ORDER

M80 - XXX XX XX

SERIES CODE

RoHS		Non-RoHS		
Single	Double	Single	Double	
843	841	878	868	Unlatched (3mm tail)
842	851	876	866	Latched (3mm tail)
846	839	804	814	Friction latched (3mm tail)
793	791	793	791	Unlatched (4.5mm tail)
792	771	792	771	Latched (4.5mm tail)
796	789	796	789	Friction latch (4.5mm tail)

FINISH	
22	Gold + Tin/Lead
42	Gold + Tin

TOTAL NO. OF CONTACTS	
Single Row	02 to 07, 17, 22
Double Row	04, 06, 08, 10, 12, 14, 16, 18, 20, 26, 34, 44

Strain reliefs are supplied with all horizontal pc tail connectors. There is no need to order separately. Straps are located at the end of each connector.

www.harwin.com

All dimensions in mm.

