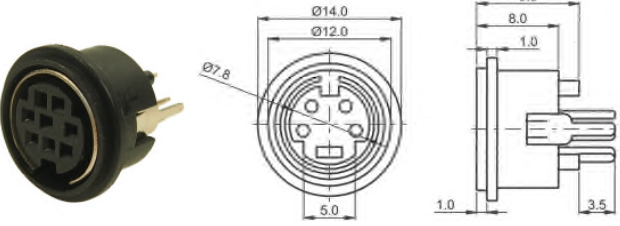


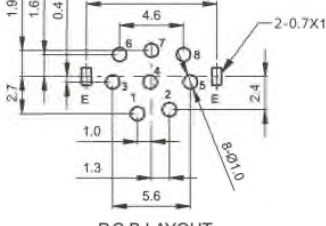
The **CLIFF** range of Mini Din products feature four different models.

## SOCKETS

MDV Series - Vertical PCB mounting




Technical drawing showing a 3D perspective view of the MDV socket, a top view with dimensions  $\varnothing 14.0$  and  $\varnothing 12.0$ , and a side view with dimensions 9.5, 8.0, 1.0, 1.0, and 3.5. A detail shows a hole with diameter  $\varnothing 7.8$ .



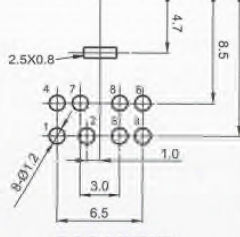
P.C.B LAYOUT BOTTOM VIEW showing dimensions: 9.4, 4.6, 2.0, 2.4, 2.7, 1.9, 1.6, 0.4, 1.0, 1.3, 5.6, 8.0, 1.0, 2.0, 7x1.3.

Model No.	Schematic
MDV4 FC680905	
MDV6 FC680910	
MDV8 FC680915	

MDHU Series - Unscreened 90° PCB mounting




Technical drawing showing a 3D perspective view of the MDHU socket, a top view with dimensions 14.0, 13.0, 3.7, 3.0, 3.0, and 6.5, and a side view with dimensions 2.0, 12.3, 4.5, 8.5, 11.0, and 0.8.



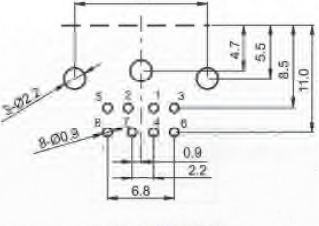
P.C.B LAYOUT BOTTOM VIEW showing dimensions: 4.7, 8.5, 2.5x0.8, 4.1, 7.1, 8.1, 8.1, 3.0, 1.0, 6.5, 8.0, 1.2.

Model No.	Schematic	Model No.	Schematic
MDHU3 FC680950		MDHU6 FC680965	
MDHU4 FC680955		MDHU7 FC680970	
MDHU5 FC680960		MDHU8 FC680975	

MDHS Series - Screened 90° PCB mounting



Technical drawing showing a 3D perspective view of the MDHS socket, a top view with dimensions 14.0, 13.0, 3.6, 6.5, and 3.2, and a side view with dimensions 12.8, 13.0, and 3.2.




P.C.B LAYOUT BOTTOM VIEW showing dimensions: 13.5, 4.7, 5.5, 11.0, 8.5, 0.8, 2.2, 6.8, 8.0, 0.3, 3.0, 2.2.

Model No.	Schematic	Model No.	Schematic
MDHS3 FC680920		MDHS7 FC680940	
MDHS4 FC680925		MDHS8 FC680945	
MDHS6 FC680935			

## PLUGS

The MDP range of plugs comprises 4,5,6,7 & 8 way plugs for self assembly.

Please note that these plugs are difficult to assemble due to fine soldering required. For OEM users, we can supply moulded on plugs.



Technical drawing showing a 3D perspective view of the MDP plug, a top view with dimensions 13.7 and 8.95, a side view with dimensions 51.5, 36.4, 6, and 5.1, and a cross-sectional view.

Model No.	Schematic	Model No.	Schematic
		MDP6 FC680983	
MDP4 FC680979		MDP7 FC680985	
MDP5 FC680981		MDP8 FC680987	

N.B. Always verify PCB hole details by comparing our drawing and samples, as we have a number of variants in this range.

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