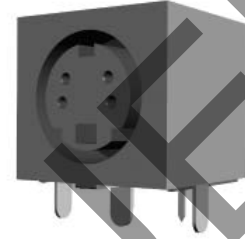


**SERIES:** MD-XXSF | **DESCRIPTION:** MINI DIN CONNECTOR**FEATURES**

- PCB mount
- fully shielded
- right angle

**PART NUMBER KEY****MD - XX SF**

Base Number

Pin Options

30 = 3 pins

40 = 4 pins

50 = 5 pins

60 = 6 pins

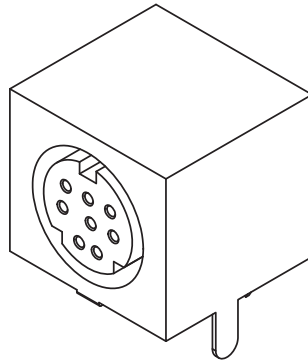
80 = 8 pins

SPECIFICATIONS

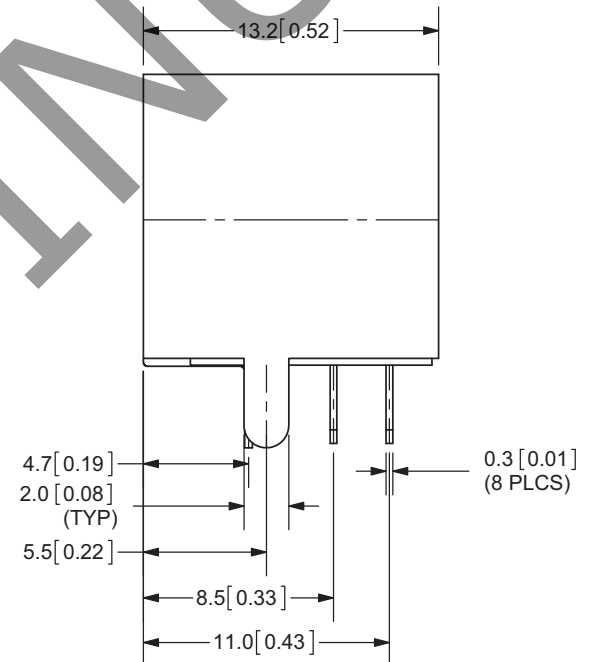
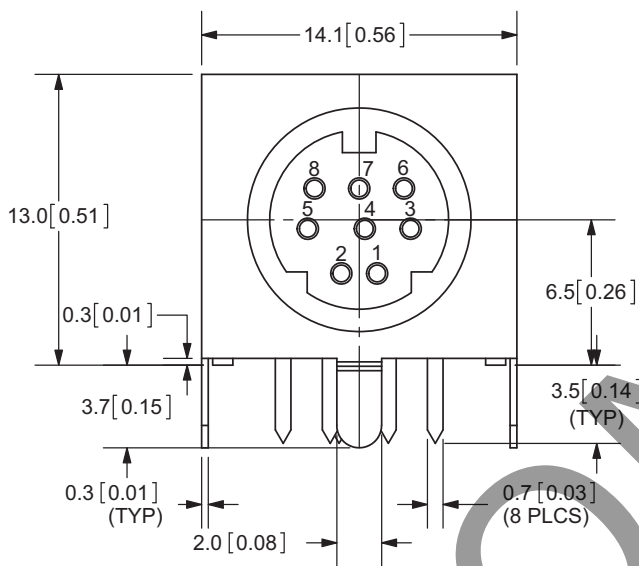
parameter	conditions/description	min	typ	max	units
rated input voltage			100 12		Vac Vdc
rated input current	at 100 Vac at 12 Vdc			1 2	A A
contact resistance				30	mΩ
insulation resistance	at 250 Vdc	50			MΩ
voltage withstand	for 1 minute			250	Vac
insertion force		1		4.5	kg
withdrawl force		0.8		3	kg
operating temperature		-40		85	°C
life			1,000		cycles

MECHANICAL DRAWINGS

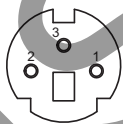
units: mm[inches]

TOLERANCE: ± 0.2 mm

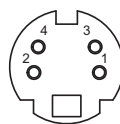
	MATERIAL	PLATING
earth terminal	brass	tin
contact terminals (1~8)	phosphor bronze	silver
housing	PBT	



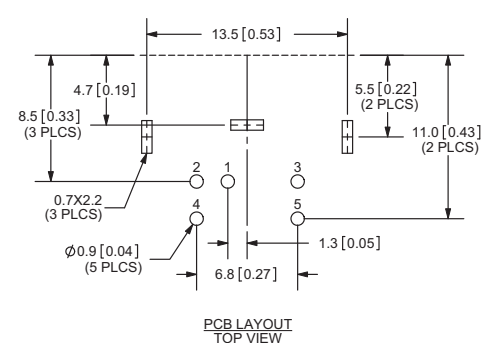
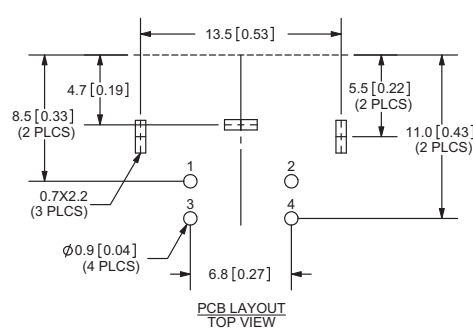
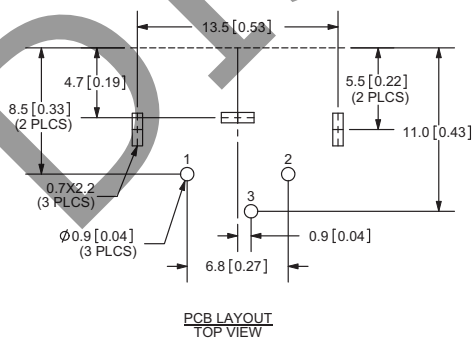
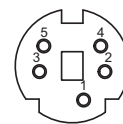
MD-30SF

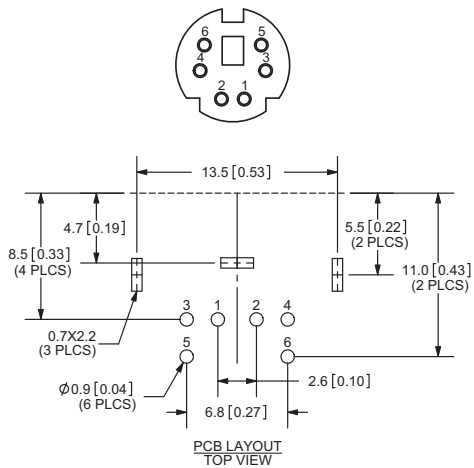
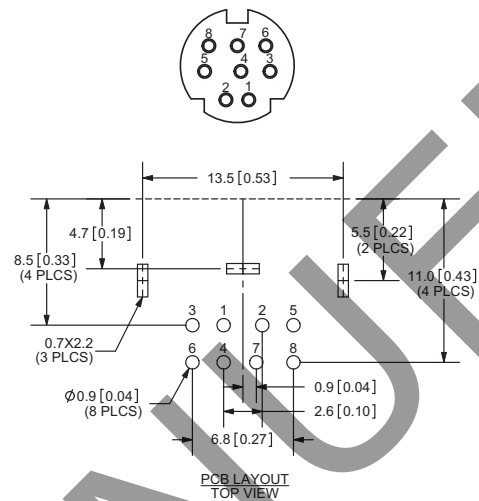


MD-40SF



MD-50SF



MD-60SF**MD-80SF****REVISION HISTORY**

rev.	description	date
1.0	initial release	02/23/2006
1.01	new template applied	02/23/2012
1.02	updated pin dimensions	02/29/2012

The revision history provided is for informational purposes only and is believed to be accurate.



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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