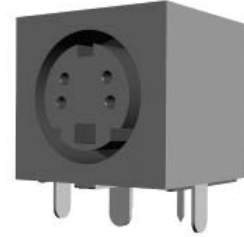
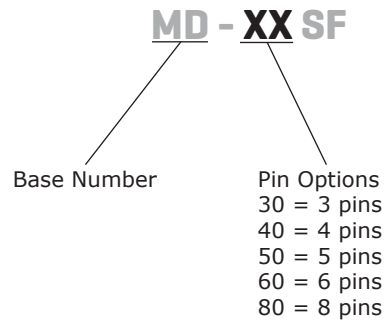


**SERIES:** MD-XXSF | **DESCRIPTION:** MINI DIN CONNECTOR

**FEATURES**

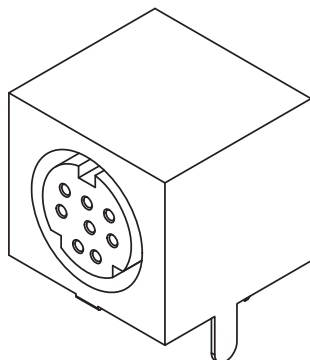
- PCB mount
- fully shielded
- right angle


**PART NUMBER KEY**

**SPECIFICATIONS**

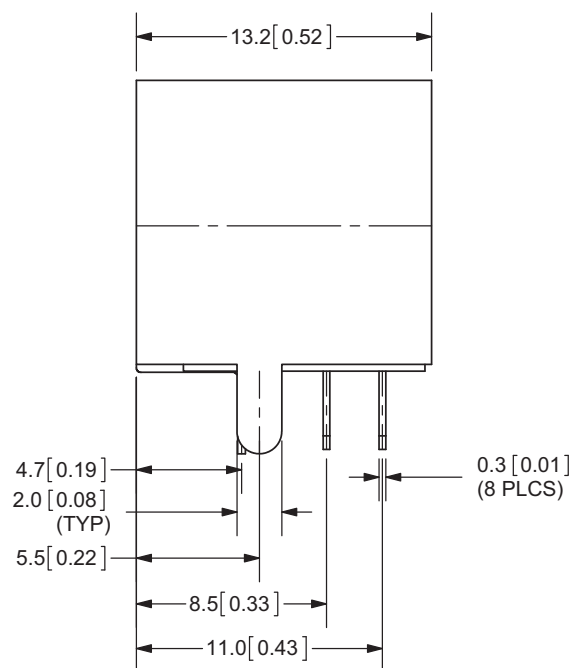
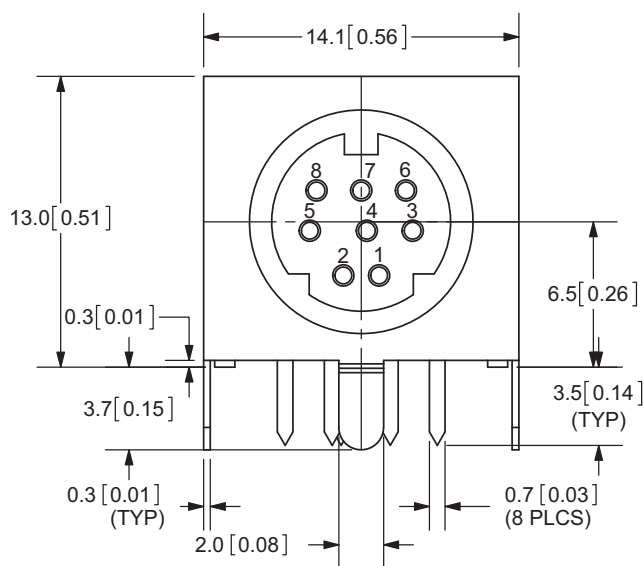
parameter	conditions/description	min	typ	max	units
rated input voltage			100 12		Vac Vdc
rated input current	at 100 Vac at 12 Vdc			1 2	A A
contact resistance				30	mΩ
insulation resistance	at 250 Vdc	50			MΩ
voltage withstand	for 1 minute			250	Vac
insertion force		1		4.5	kg
withdrawl force		0.8		3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

## MECHANICAL DRAWINGS

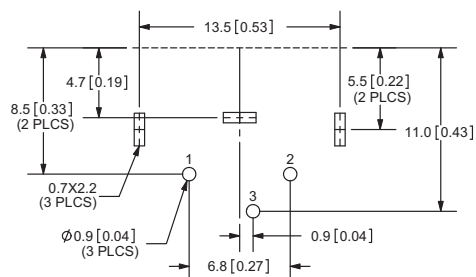
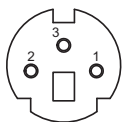
units: mm[inches]

TOLERANCE:  $\pm 0.2$ mm

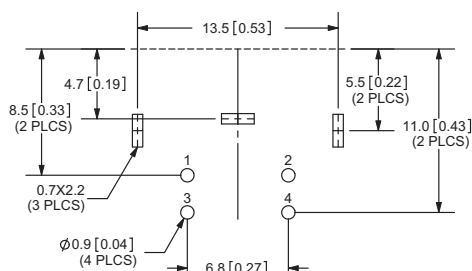
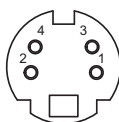
	MATERIAL	PLATING
earth terminal	brass	tin
contact terminals (1~8)	phosphor bronze	silver
housing	PBT	



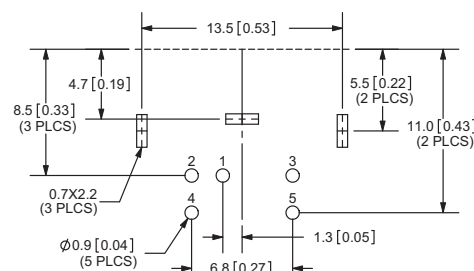
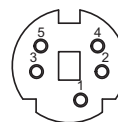
### MD-30SF

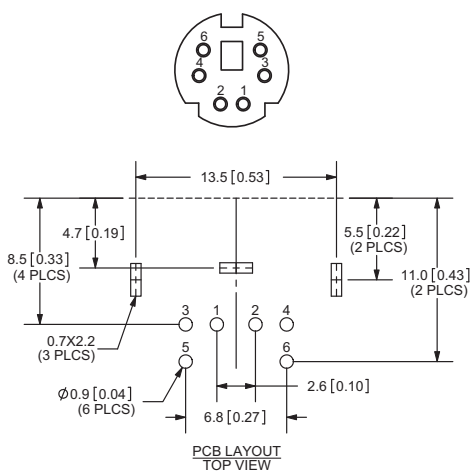
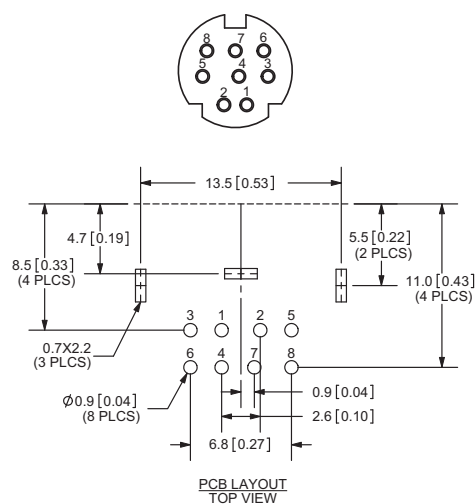
PCB LAYOUT  
TOP VIEW

### MD-40SF

PCB LAYOUT  
TOP VIEW

### MD-50SF

PCB LAYOUT  
TOP VIEW

**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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