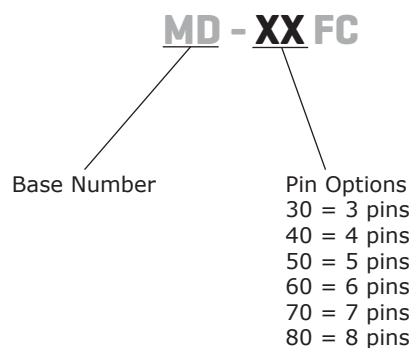


SERIES: MD-XXFC | **DESCRIPTION:** MINI DIN CONNECTOR
FEATURES

- PCB mount
- fully shielded
- right angle
- ground tabs
- ferrite filter

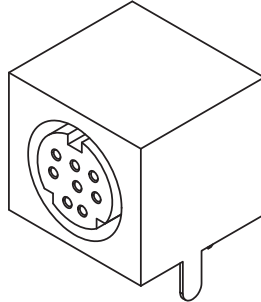
**PART NUMBER KEY****SPECIFICATIONS**

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
ferrite performance	at 25 MHz at 100 MHz	13 27			Ω Ω
insertion force		1		4.5	kg
withdrawal force		0.8		3	kg
operating temperature		-40		85	°C
life			1,000		cycles

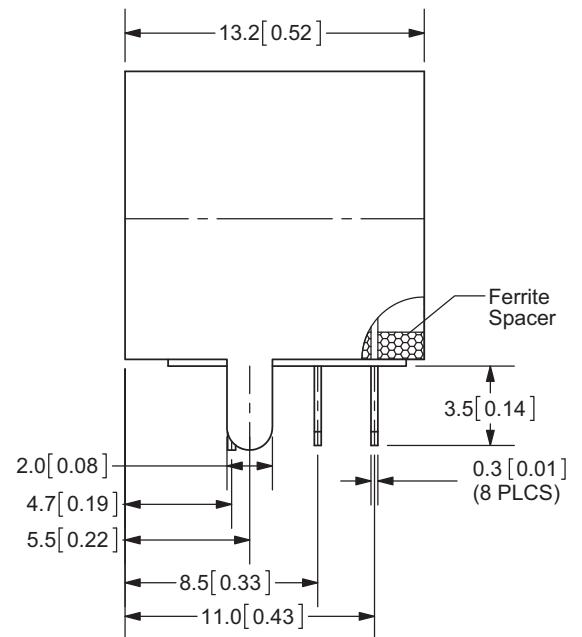
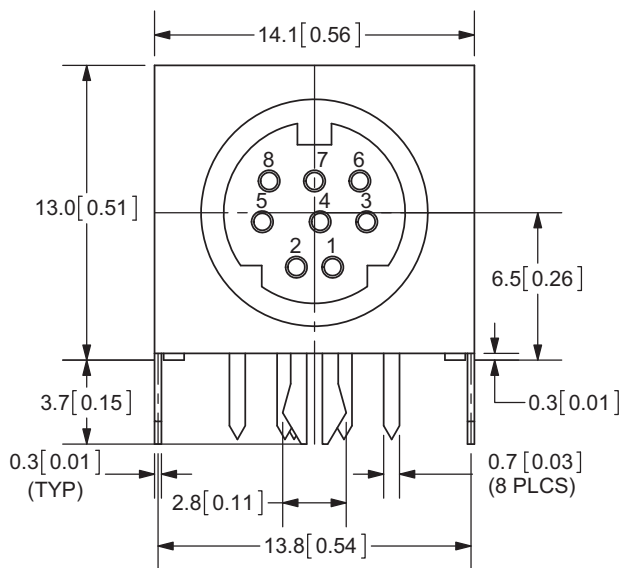
MECHANICAL DRAWINGS

```
units: mm[inches]
```

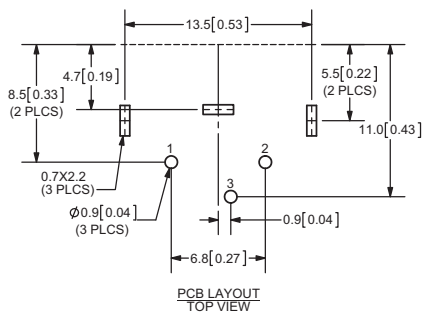
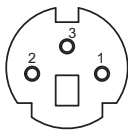
TOLERANCE: $\pm 0.2\text{mm}$



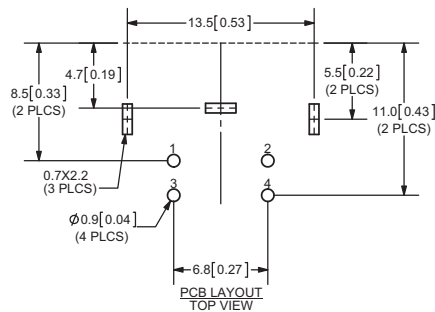
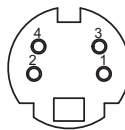
	MATERIAL	PLATING
earth terminal	brass	tin
contact terminals (1~8)	phosphor bronze	silver
plastic	PBT	
spacer	ferri-te	



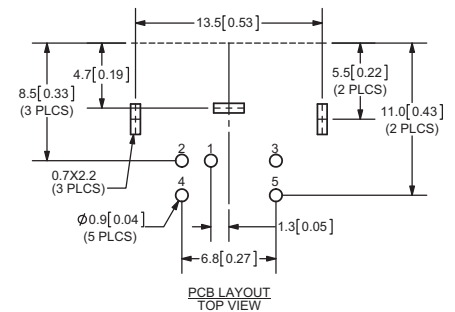
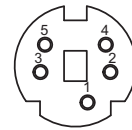
MD-30FC



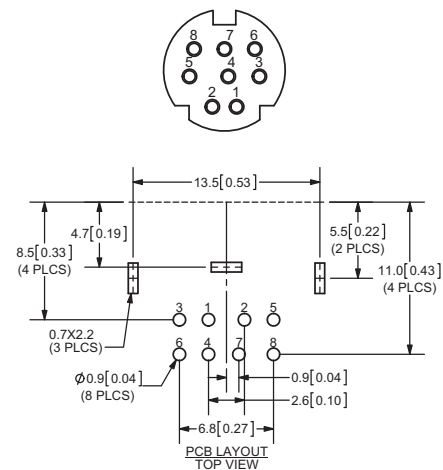
MD-40FC



MD-50FC



MD-80FC



REVISION HISTORY

rev.	description	date
1.0	initial release	03/12/2012
1.01	updated spec, added ferrite performance	07/23/2013

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



CUI INC[®]

Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

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