

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

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

**PART NUMBER KEY****MD - XX FC**

Base Number

Pin Options

30 = 3 pins

40 = 4 pins

50 = 5 pins

60 = 6 pins

70 = 7 pins

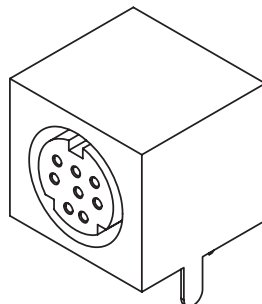
80 = 8 pins

SPECIFICATIONS

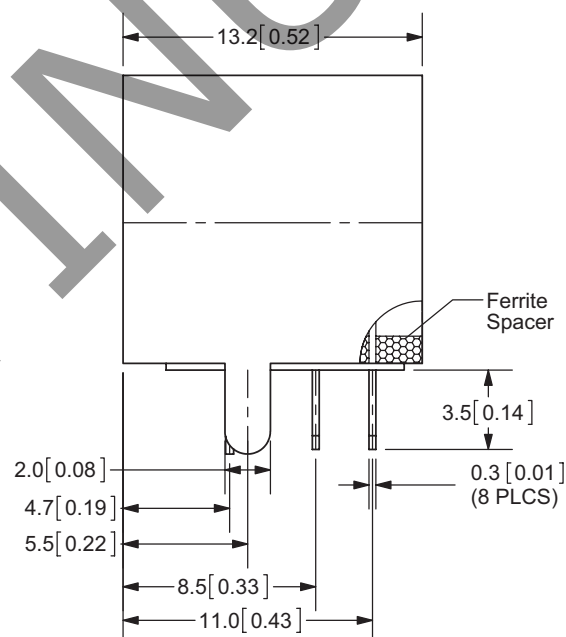
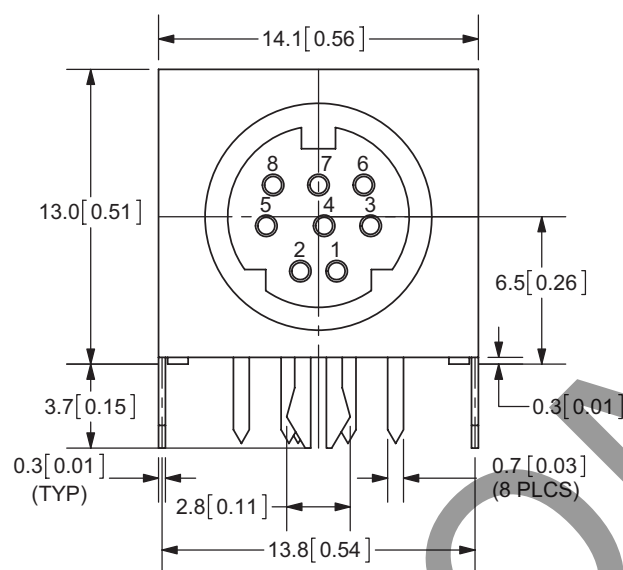
parameter	conditions/description	min	typ	max	units
rated input voltage			100 12		Vac Vdc
rated input current	at 100 Vac at 12 Vdc			1 2	A A
contact resistance				30	mΩ
insulation resistance	at 250 Vdc	50			MΩ
voltage withstand	for 1 minute			250	Vac
ferrite performance	at 25 MHz at 100 MHz	13 27			Ω Ω
insertion force		1		4.5	kg
withdrawal force		0.8		3	kg
operating temperature		-40		85	°C
life			1,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

MECHANICAL DRAWINGS

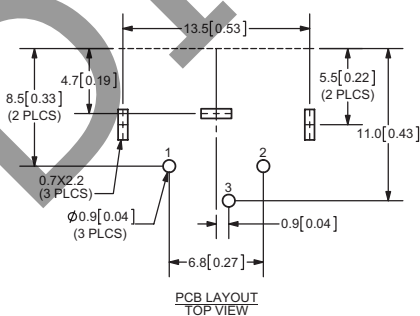
units: mm[inches]

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

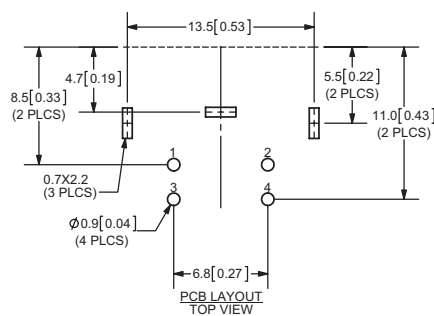
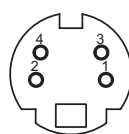
	MATERIAL	PLATING
earth terminal	brass	tin
contact terminals (1~8)	phosphor bronze	silver
plastic	PBT	
spacer	ferrite	



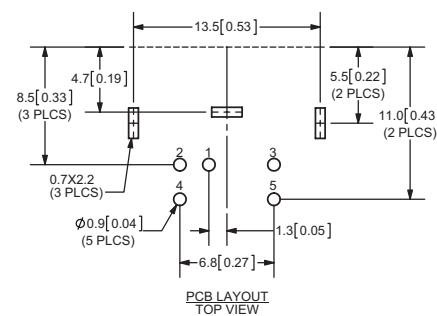
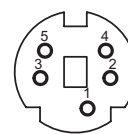
MD-30FC



MD-40FC

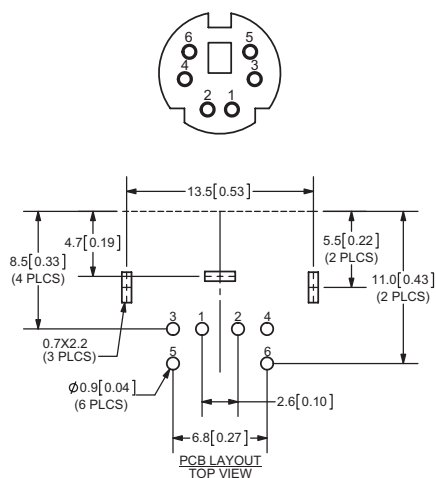


MD-50FC

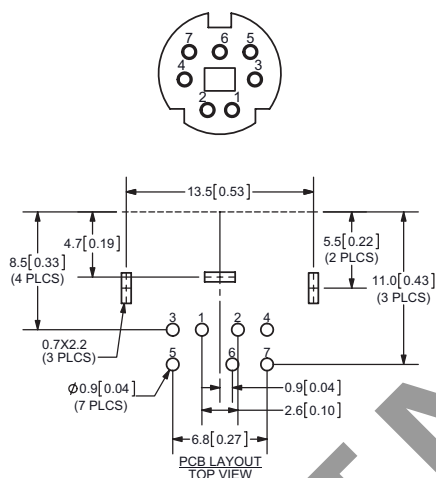


MECHANICAL DRAWINGS (CONTINUED)

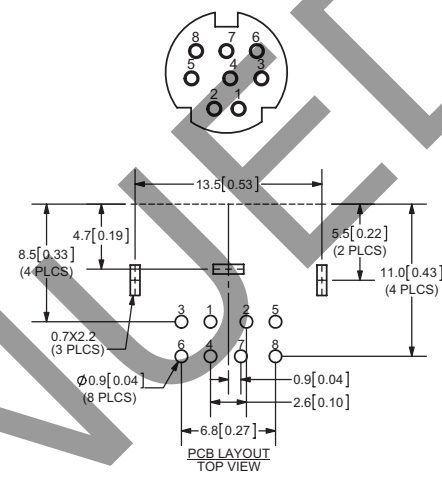
MD-60FC



MD-70FC



MD-80FC



REVISION HISTORY

rev.	description	date
1.0	initial release	03/12/2012
1.01	updated spec, added ferrite performance	07/23/2013
1.02	updated datasheet	08/25/2017

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



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

Fax 503.612.2383
cui.com
techsupport@cui.com

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