CUI INC®

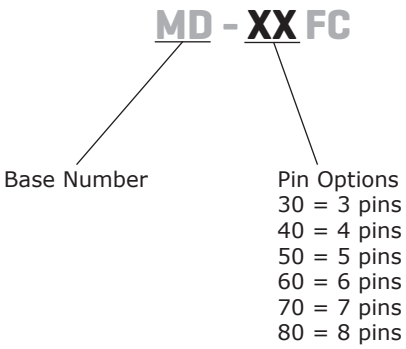
SERIES: MD-FC | DESCRIPTION: MINI DIN CONNECTOR

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



RoHS

PART NUMBER KEY



SPECIFICATIONS

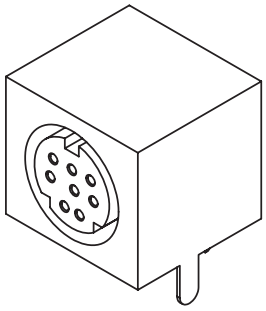
parameter	conditions/description	min	typ	max	units
rated input voltage			100 12		Vac Vdc
rated input current	at 100 Vac at 12 Vdc			1 2	A A
contact resistance				30	mΩ
insulation resistance	at 250 Vdc	50			MΩ
voltage withstand	for 1 minute			250	Vac
ferrite performance	at 25 MHz at 100 MHz	13 27			Ω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

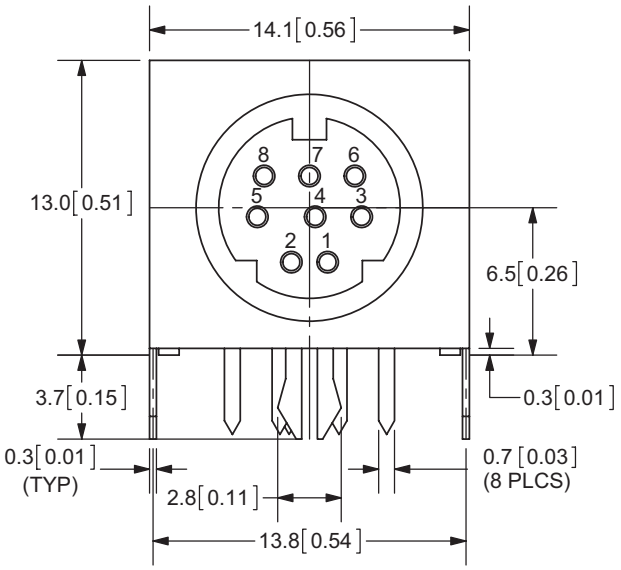
MECHANICAL DRAWINGS

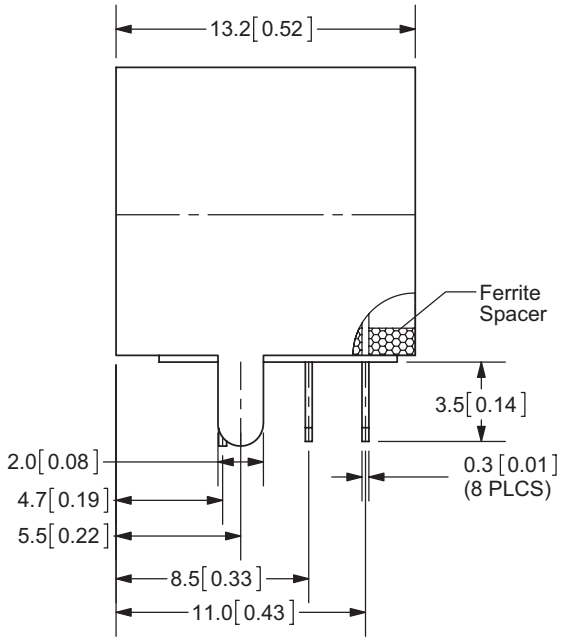
units: mm[inches]

TOLERANCE: ±0.2mm

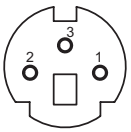
	MATERIAL	PLATING
earth terminal	brass	tin
contact terminals (1~8)	phosphor bronze	silver
plastic	PBT	
spacer	ferrite	

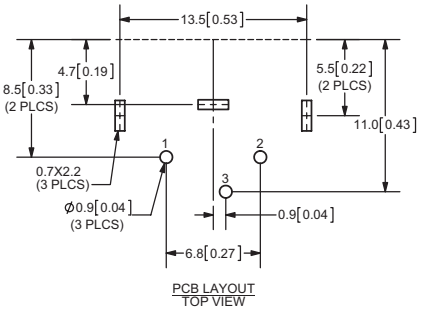




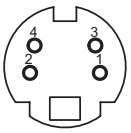


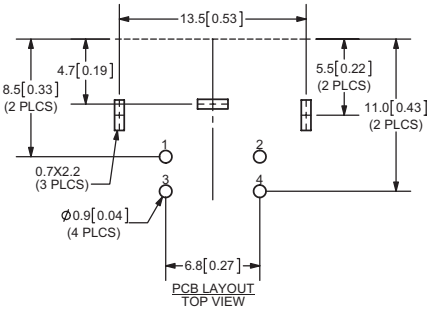
MD-30FC



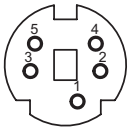


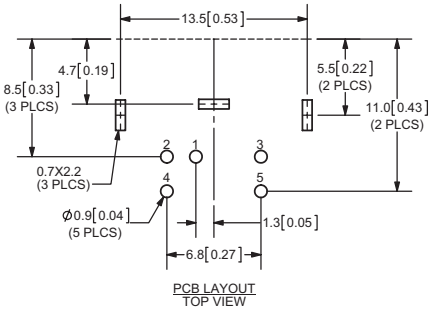
MD-40FC





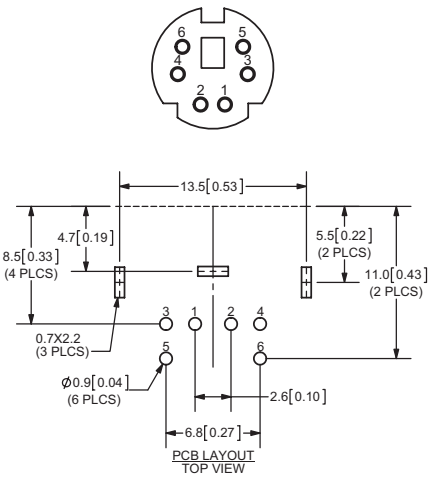
MD-50FC



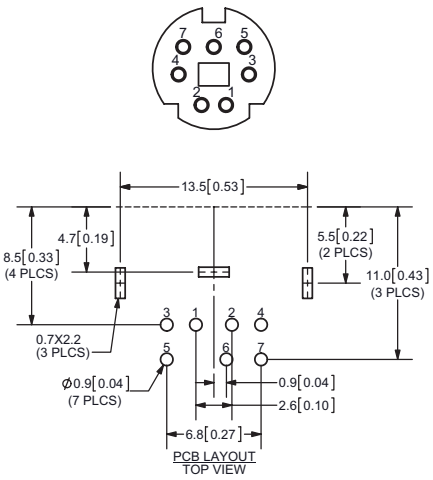


MECHANICAL DRAWINGS (CONTINUED)

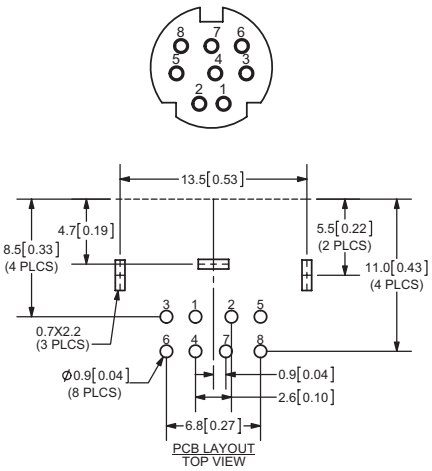
MD-60FC



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.

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

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