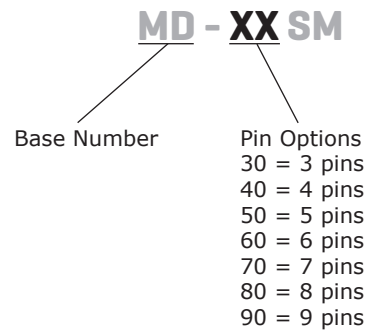


SERIES: MD-SM | **DESCRIPTION:** MINI DIN CONNECTOR
FEATURES

- PCB mount
- right angle
- side shielded

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

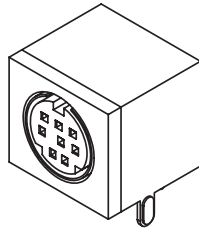
parameter	conditions/description	min	typ	max	units
rated input voltage			100 12		Vac Vdc
rated input current	at 100 Vac at 12 Vdc			1 2	A A
contact resistance				30	mΩ
insulation resistance	at 250 Vdc	50			MΩ
voltage withstand	for 1 minute			250	Vac
insertion force		1		5	kg
withdrawal force		0.8		3.5	kg
operating temperature		-40		85	°C
life			1,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

SOLDERABILITY

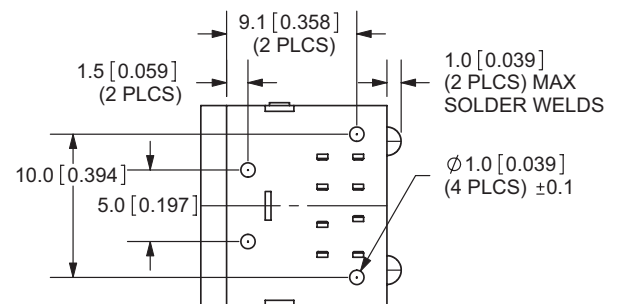
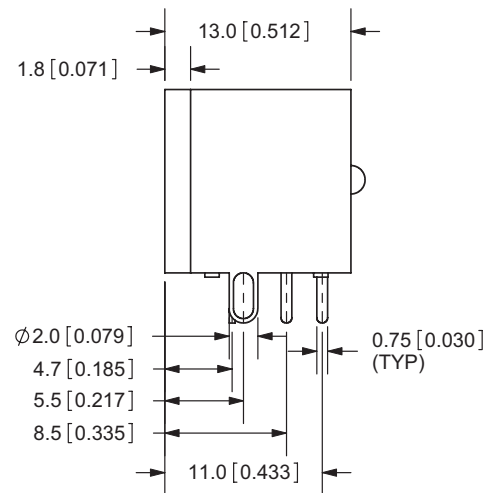
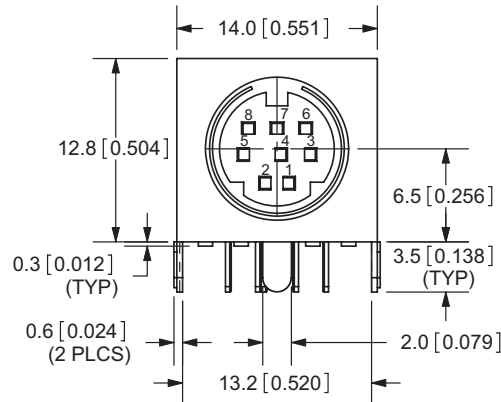
parameter	conditions/description	min	typ	max	units
hand soldering	for 5 ± 1 seconds	240	245	250	°C

MECHANICAL DRAWINGS

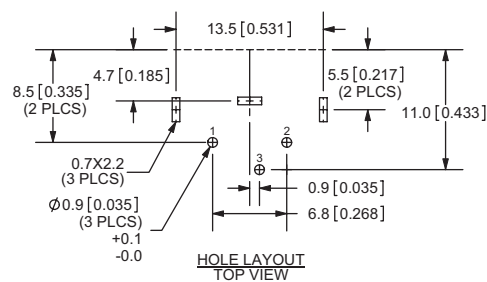
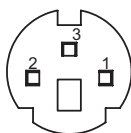
units: mm[inches]

TOLERANCE: ± 0.2 mm

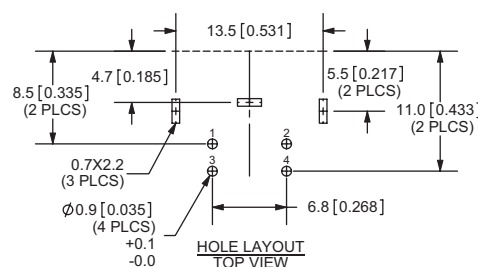
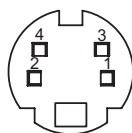
	MATERIAL	PLATING
earth terminal	brass	tin
contact terminals (1~9)	phosphor bronze	silver
shielding plate	steel	tin
housing	PBT	



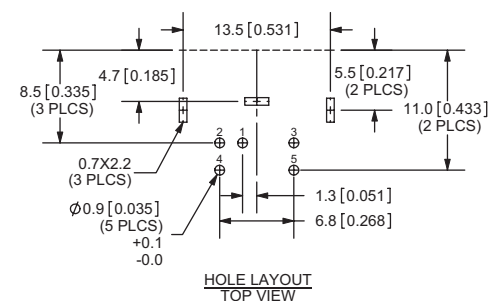
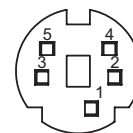
MD-30SM



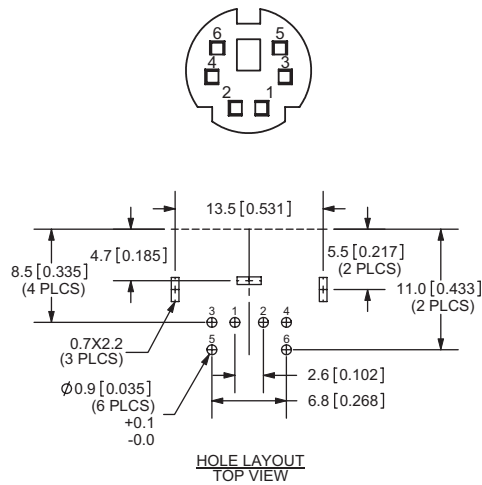
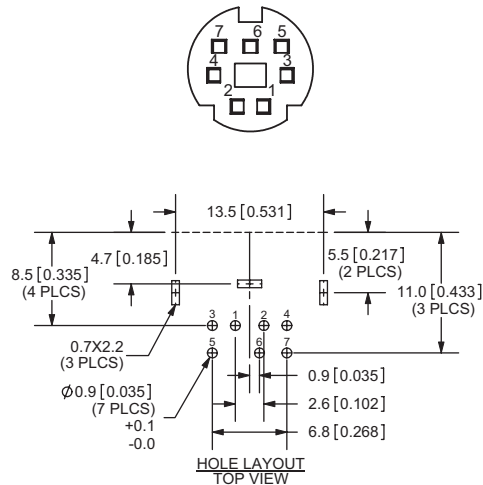
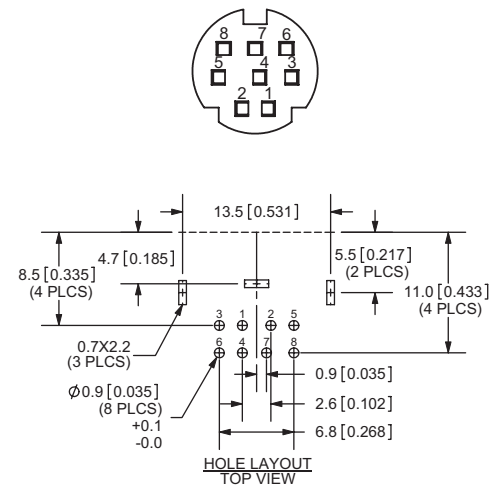
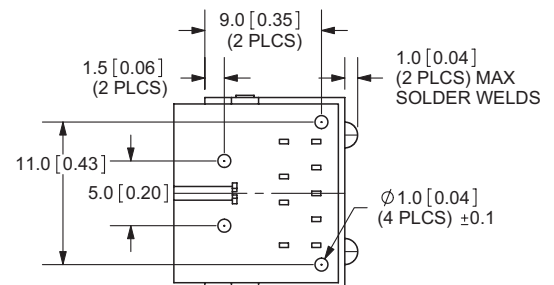
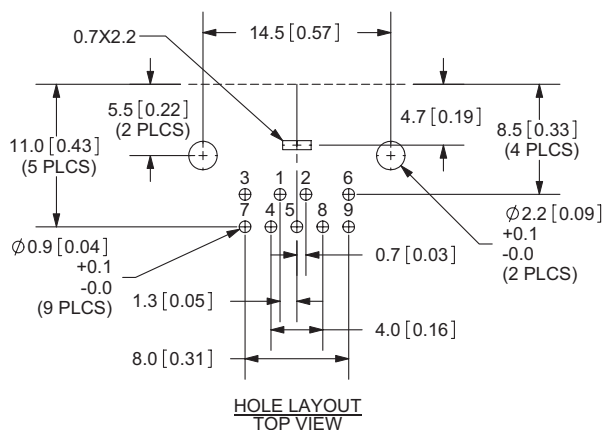
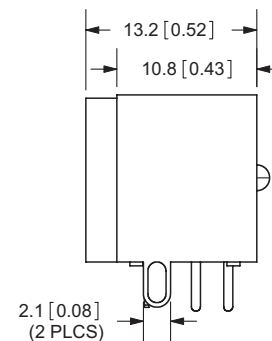
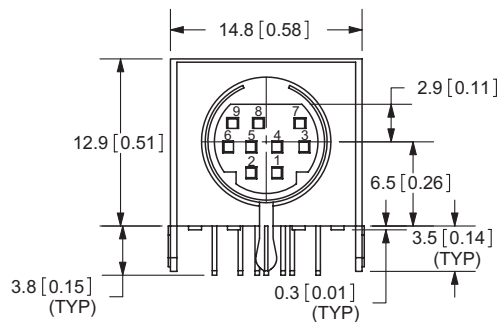
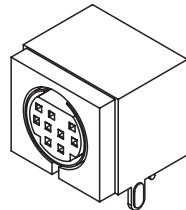
MD-40SM



MD-50SM



MECHANICAL DRAWINGS (CONTINUED)

MD-60SM**MD-70SM****MD-80SM****MD-90SM**

REVISION HISTORY

rev.	description	date
1.0	initial release	02/23/2006
1.01	new template applied	02/22/2012
1.02	updated datasheet	08/25/2017
1.03	added hand soldering details	01/19/2018

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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