

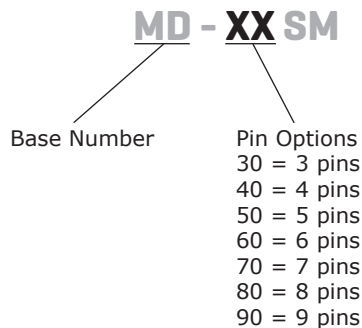
SERIES: MD-SM | **DESCRIPTION:** MINI DIN CONNECTOR

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				

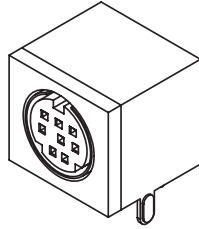
SOLDERABILITY

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

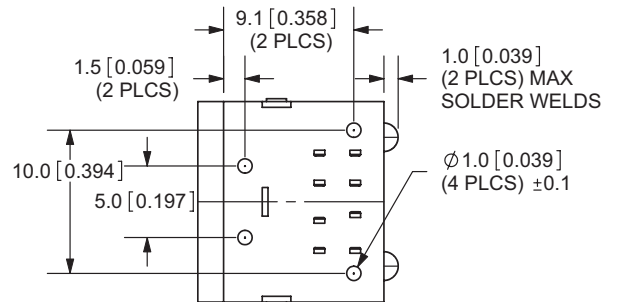
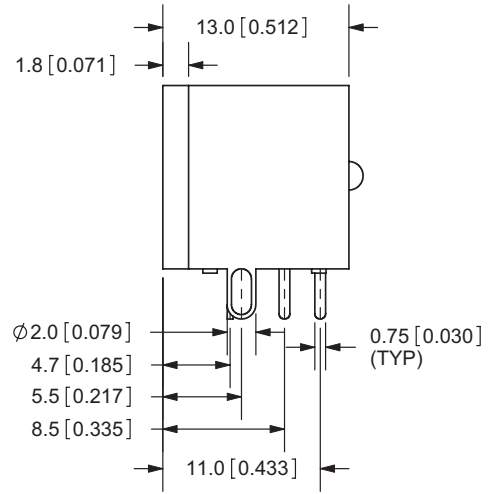
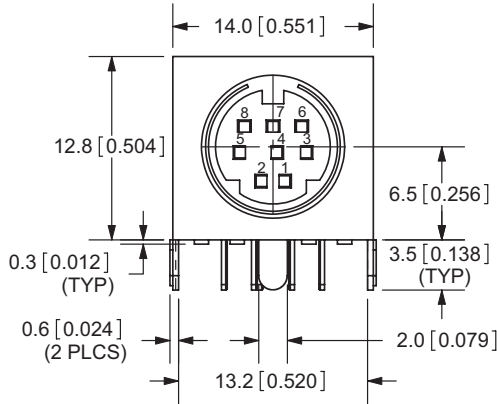
MECHANICAL DRAWINGS

units: mm[inches]

TOLERANCE: ±0.2mm



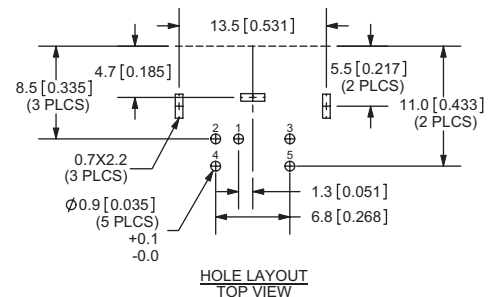
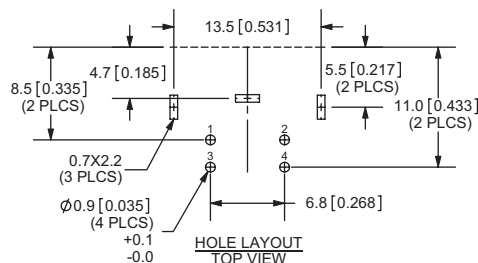
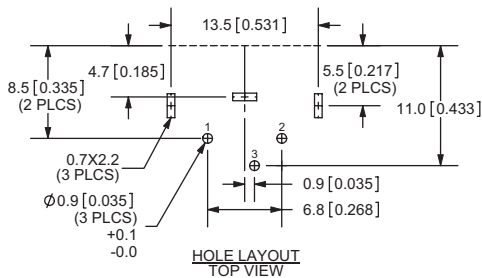
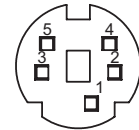
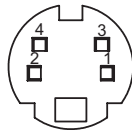
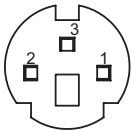
	MATERIAL	PLATING
earth terminal	brass	tin
contact terminals (1~9)	phosphor bronze	silver
shielding plate	steel	tin
housing	PBT	



MD-30SM

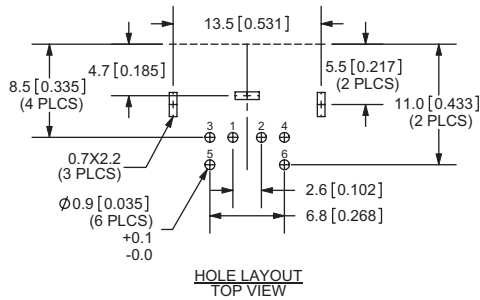
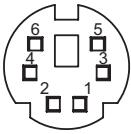
MD-40SM

MD-50SM

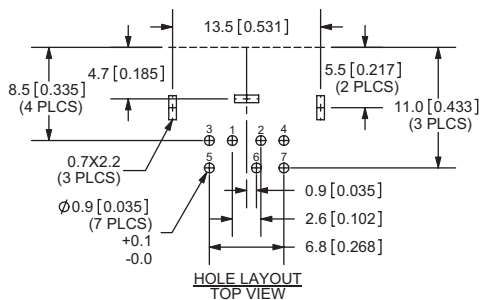
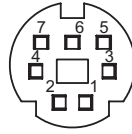


MECHANICAL DRAWINGS (CONTINUED)

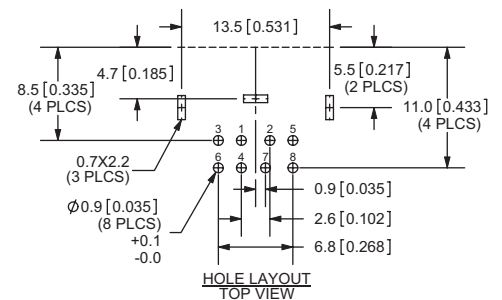
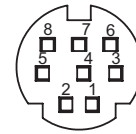
MD-60SM



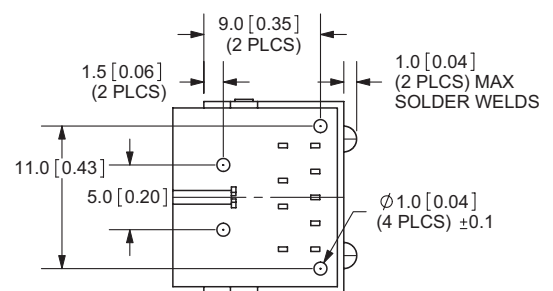
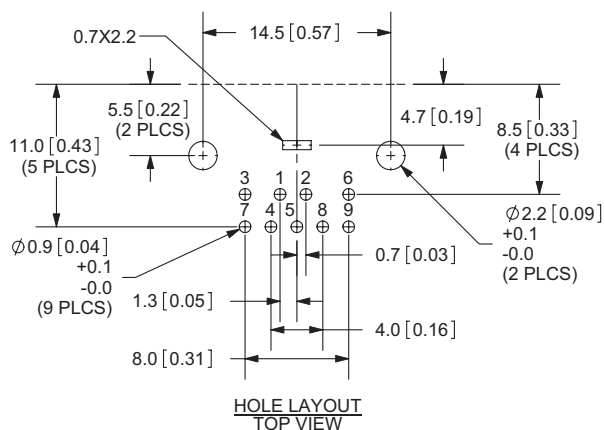
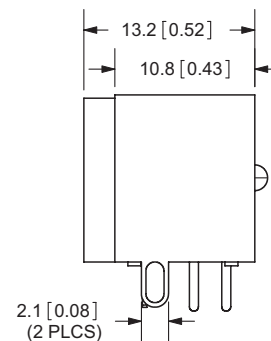
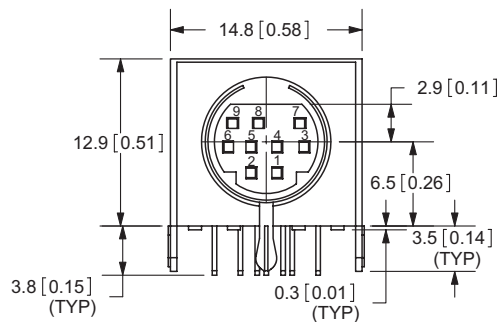
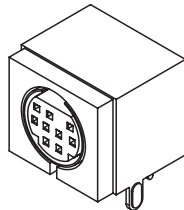
MD-70SM



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

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

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.