

**date** 01/19/2018

page 1 of 4

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

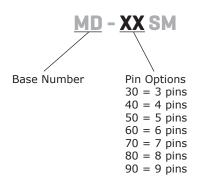
#### **FEATURES**

- 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			МΩ
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				

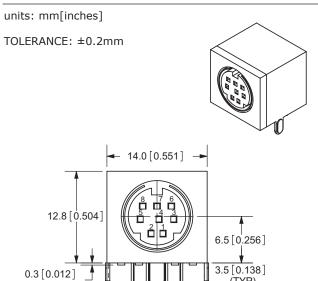
### **SOLDERABILITY**

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

#### **MECHANICAL DRAWINGS**

0.6 [0.024]

(2 PLCS)

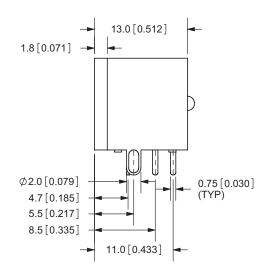


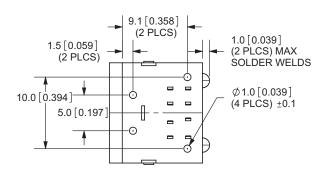
13.2 [0.520]

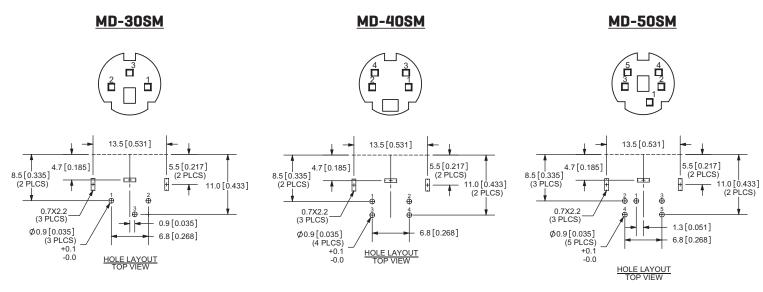
(TYP)

2.0 [0.079]

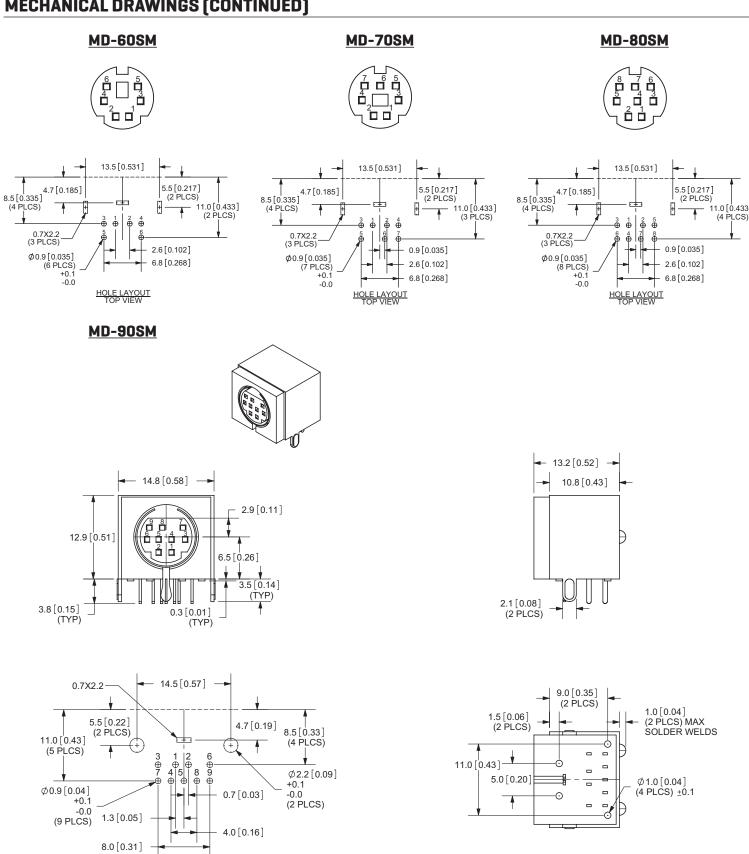
	MATERIAL	PLATING
earth terminal	brass	tin
contact terminals (1~9)	phosphor bronze	silver
shielding plate	steel	tin
housing	PBT	







## **MECHANICAL DRAWINGS (CONTINUED)**



HOLE LAYOUT

#### **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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