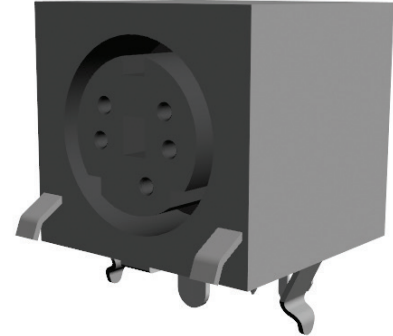


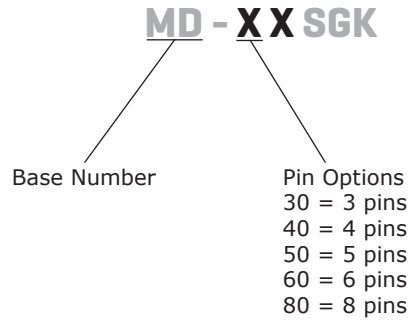
**SERIES:** MD-SGK | **DESCRIPTION:** MINI DIN CONNECTOR

**FEATURES**

- PCB mount
- fully shielded
- right angle
- ground tabs with kinked pins



**PART NUMBER KEY**



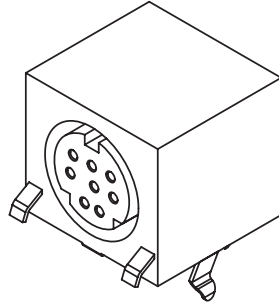
**SPECIFICATIONS**

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		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				

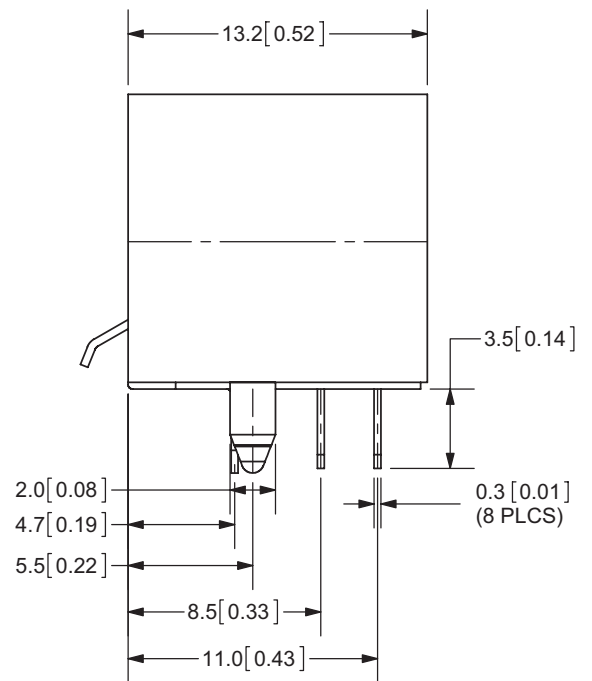
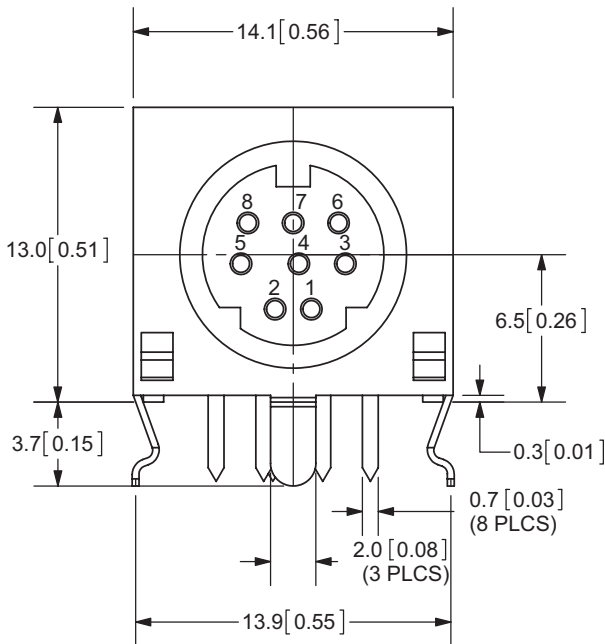
## MECHANICAL DRAWINGS

units: mm[inches]

TOLERANCE:  $\pm 0.2$ mm



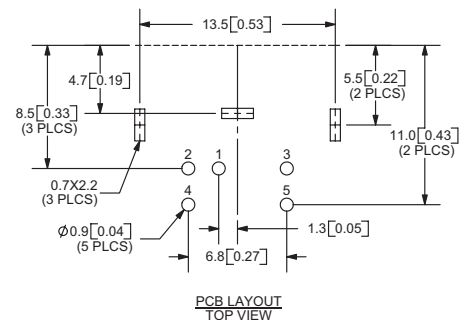
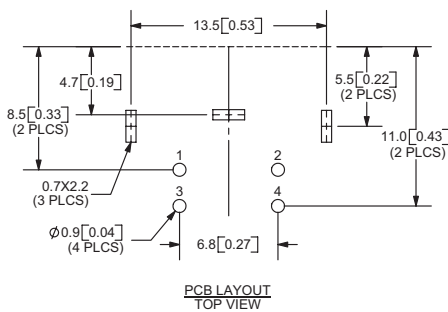
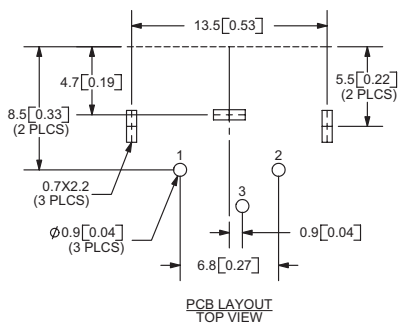
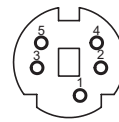
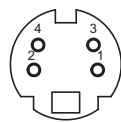
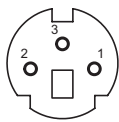
	MATERIAL	PLATING
earth terminal	brass	tin
contact terminals (1~8)	phosphor bronze	silver
plastic	PBT	



**MD-30SGK**

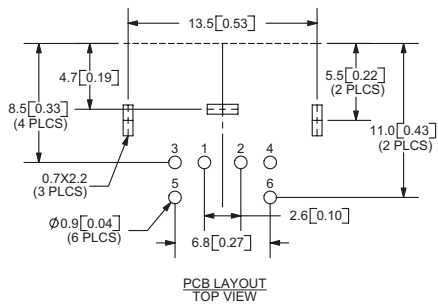
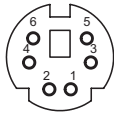
**MD-40SGK**

**MD-50SGK**

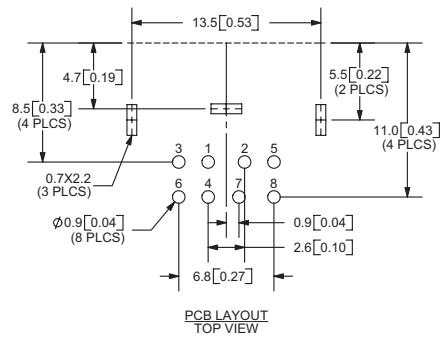
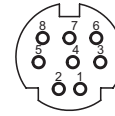


## MECHANICAL DRAWINGS (CONTINUED)

### MD-60SGK



### MD-80SGK



## REVISION HISTORY

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rev.	description	date
1.0	initial release	02/23/2006
1.01	new template applied	02/22/2012
1.02	updated pin dimensions	03/07/2012
1.03	updated datasheet	08/25/2017

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



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