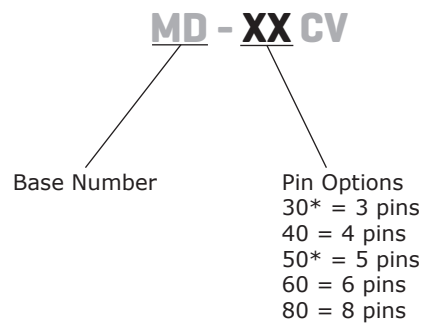


SERIES: MD-CV | **DESCRIPTION:** MINI DIN CONNECTOR**FEATURES**

- panel mount
- locking nut
- plastic bushing

**PART NUMBER KEY**

Notes: *Discontinued models MD-30CV & MD-50CV

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current	at 12 Vdc			2	A
contact resistance				30	mΩ
insulation resistance	at 250 Vdc	50			MΩ
voltage withstand	for 1 minute			250	Vac
insertion force				45	N
withdrawal force		9		30	N
operating temperature		-20		85	°C
life			1,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

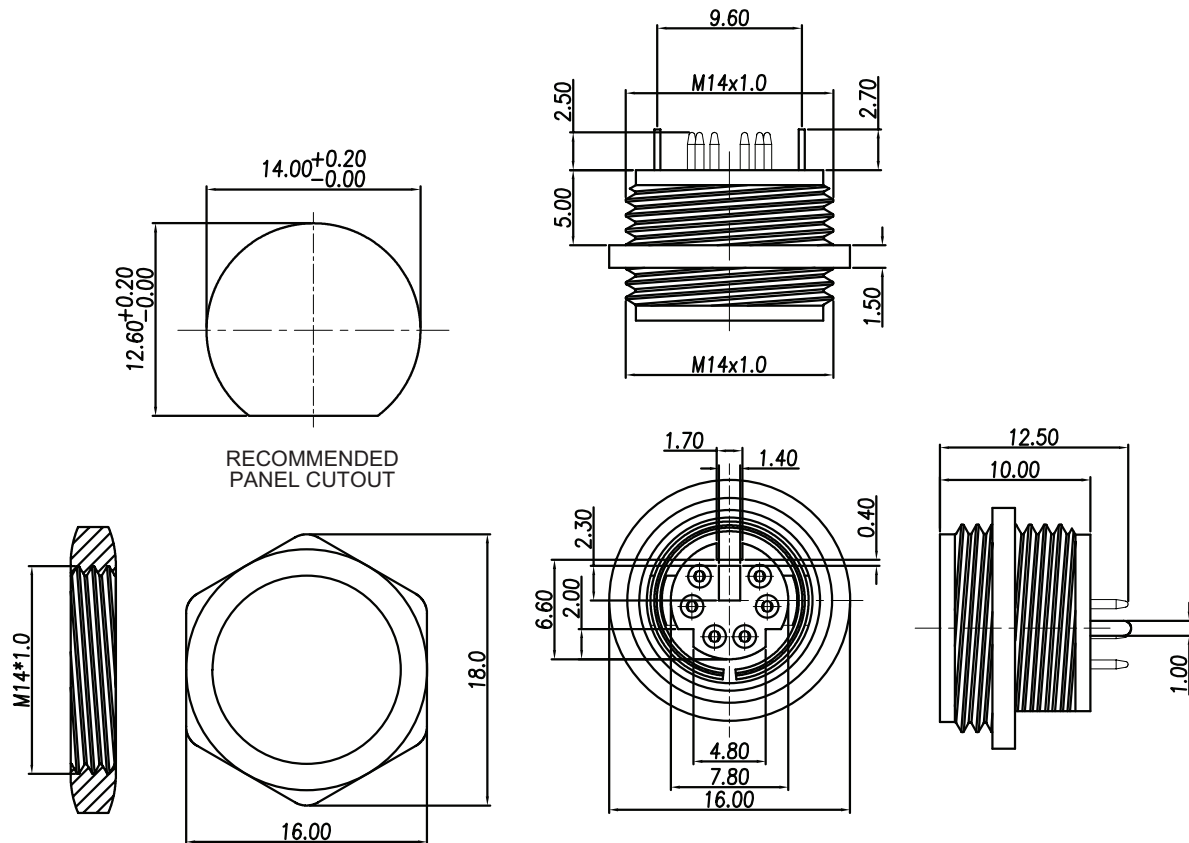
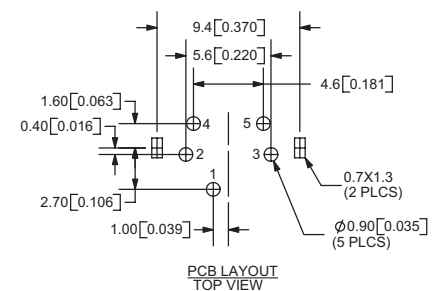
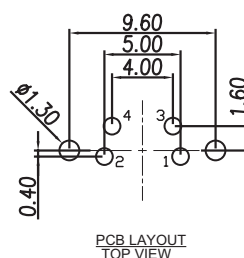
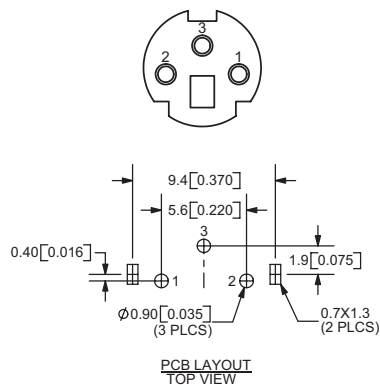
MECHANICAL DRAWINGS

units: mm[inches]

tolerance:

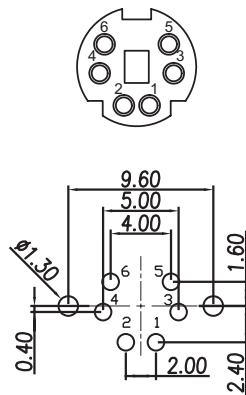
X.X ± 0.2 mmX.XX ± 0.10 mmX.XXX ± 0.050 mmX.XXXX ± 0.030 mm

	MATERIAL	PLATING
earth terminal	brass	nickel
terminal contacts (1~8)	phosphor bronze	tin
housing	PBT (UL94V-0)	black
nut	PBT (UL94V-0)	black

**MD-30CV****MD-40CV****MD-50CV**

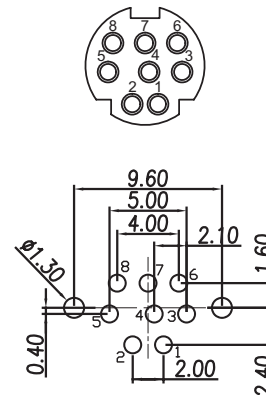
MECHANICAL DRAWINGS (CONTINUED)

MD-60CV



PCB LAYOUT
TOP VIEW

MD-80CV



PCB LAYOUT
TOP VIEW

REVISION HISTORY

rev.	description	date
1.0	initial release	02/23/2006
1.01	new template applied	02/20/2012
1.02	updated datasheet	09/01/2017
1.03	discontinued models MD-30CV and MD-50CV, brand update	10/08/2019
1.04	updated housing	11/19/2019
1.05	updated PCB footprints	09/01/2020

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

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