CUI INC®

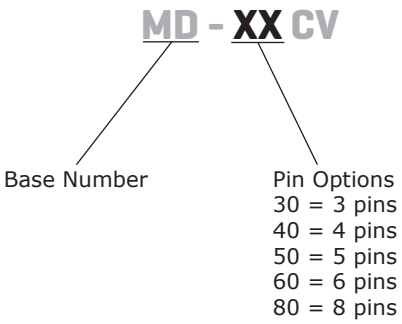
SERIES: MD-CV | DESCRIPTION: MINI DIN CONNECTOR

FEATURES
- panel mount
- locking nut
- plastic bushing



RoHS

PART NUMBER KEY



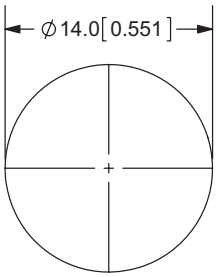
SPECIFICATIONS

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

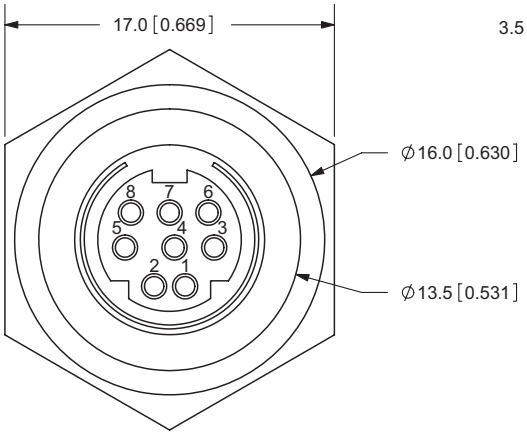
units: mm[inches]

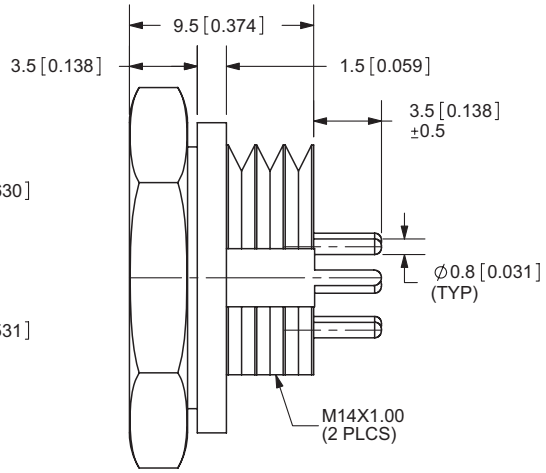
TOLERANCE: ±0.2mm

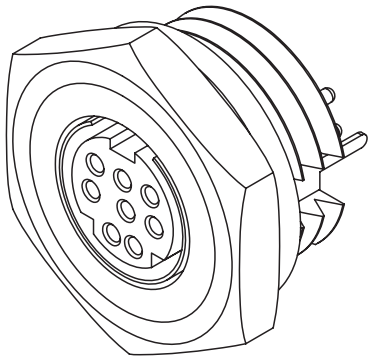


RECOMMENDED
PANEL CUTOUT

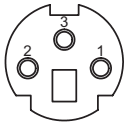
	MATERIAL	PLATING
earth terminal	brass	tin
terminal contacts (1~8)	phosphor bronze	silver
housing	PBT	

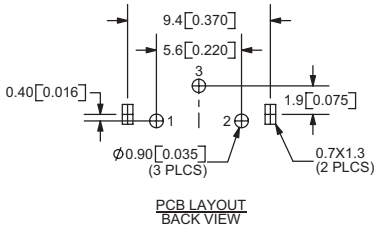






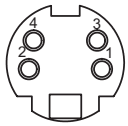
MD-30CV

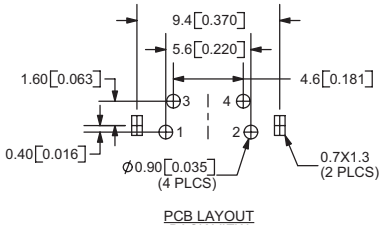




PCB LAYOUT
BACK VIEW

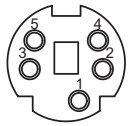
MD-40CV

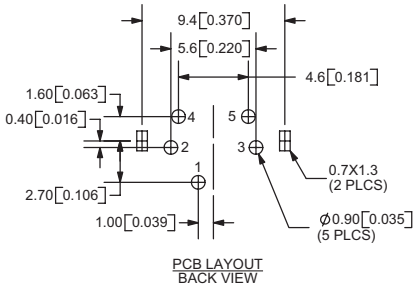




PCB LAYOUT
BACK VIEW

MD-50CV

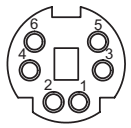


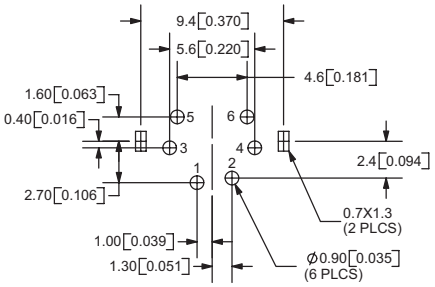


PCB LAYOUT
BACK VIEW

MECHANICAL DRAWINGS (CONTINUED)

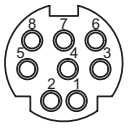
MD-60CV

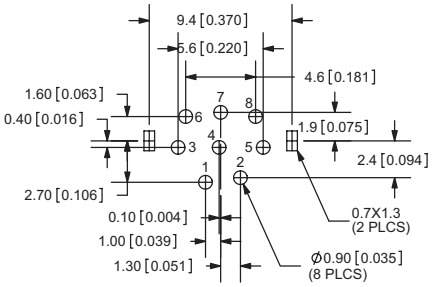




PCB LAYOUT
BACK VIEW

MD-80CV





PCB LAYOUT
BACK 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

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

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