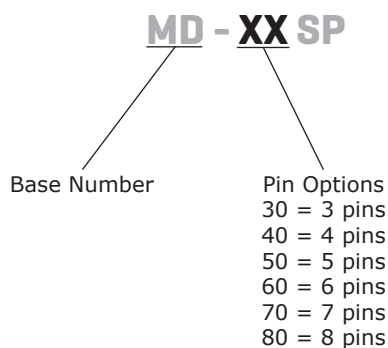


**SERIES:** MD-SP | **DESCRIPTION:** MINI DIN CONNECTOR**FEATURES**

- vertical
- panel mount
- plastic mounting ears w/recess for hex nut

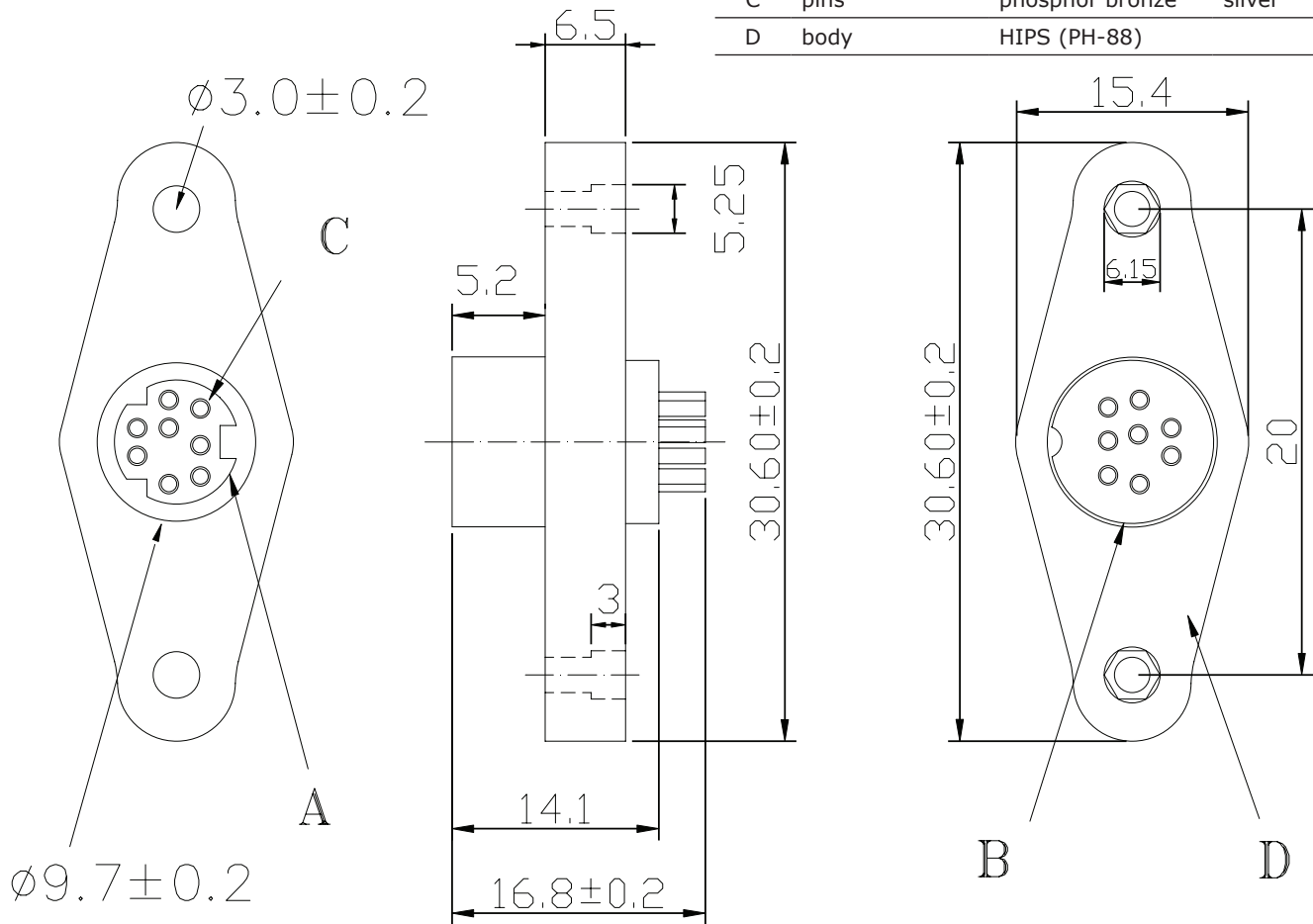
**PART NUMBER KEY****SPECIFICATIONS**

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				4.5	kg
withdrawal force		0.9		3	kg
operating temperature		5		80	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

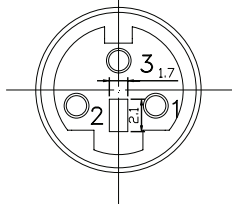
## MECHANICAL DRAWINGS

units: mm  
tolerance: ±0.2 mm

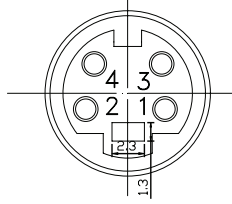
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
A	housing	NY6+FB (PA-1010C2)	
B	shell	brass	nickel
C	pins	phosphor bronze	silver
D	body	HIPS (PH-88)	



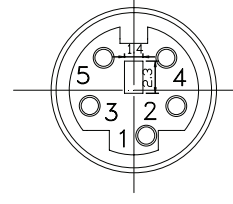
**MD-30SP**



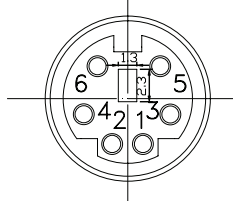
**MD-40SP**



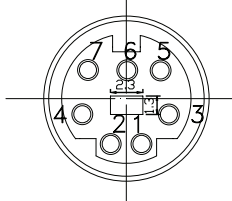
**MD-50SP**



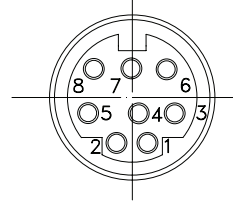
**MD-60SP**



**MD-70SP**



**MD-80SP**



## REVISION HISTORY

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rev.	description	date
1.0	initial release	02/23/2006
1.01	new template applied	02/09/2012
1.02	updated datasheet	08/25/2017
1.03	brand update	02/19/2020
1.04	changed housing mold	07/09/2020
1.05	updated drawing	02/10/2022

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

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# CUI DEVICES

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

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