CUI Devices is now Same Sky! Learn More

same sky

Additional Resources: Product Page | 3D Model

SERIES: MD-SP | DESCRIPTION: MINI DIN CONNECTOR

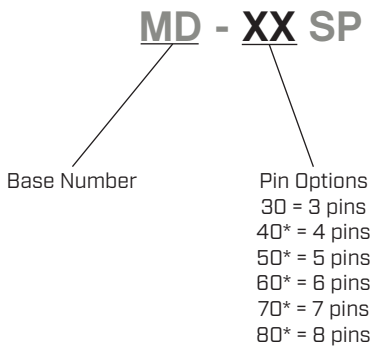
FEATURES

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



RoHS

PART NUMBER KEY



Note: *. Discontinued MD-40SP, MD-50SP, MD-60SP MD-70SP & MD-80SP models.

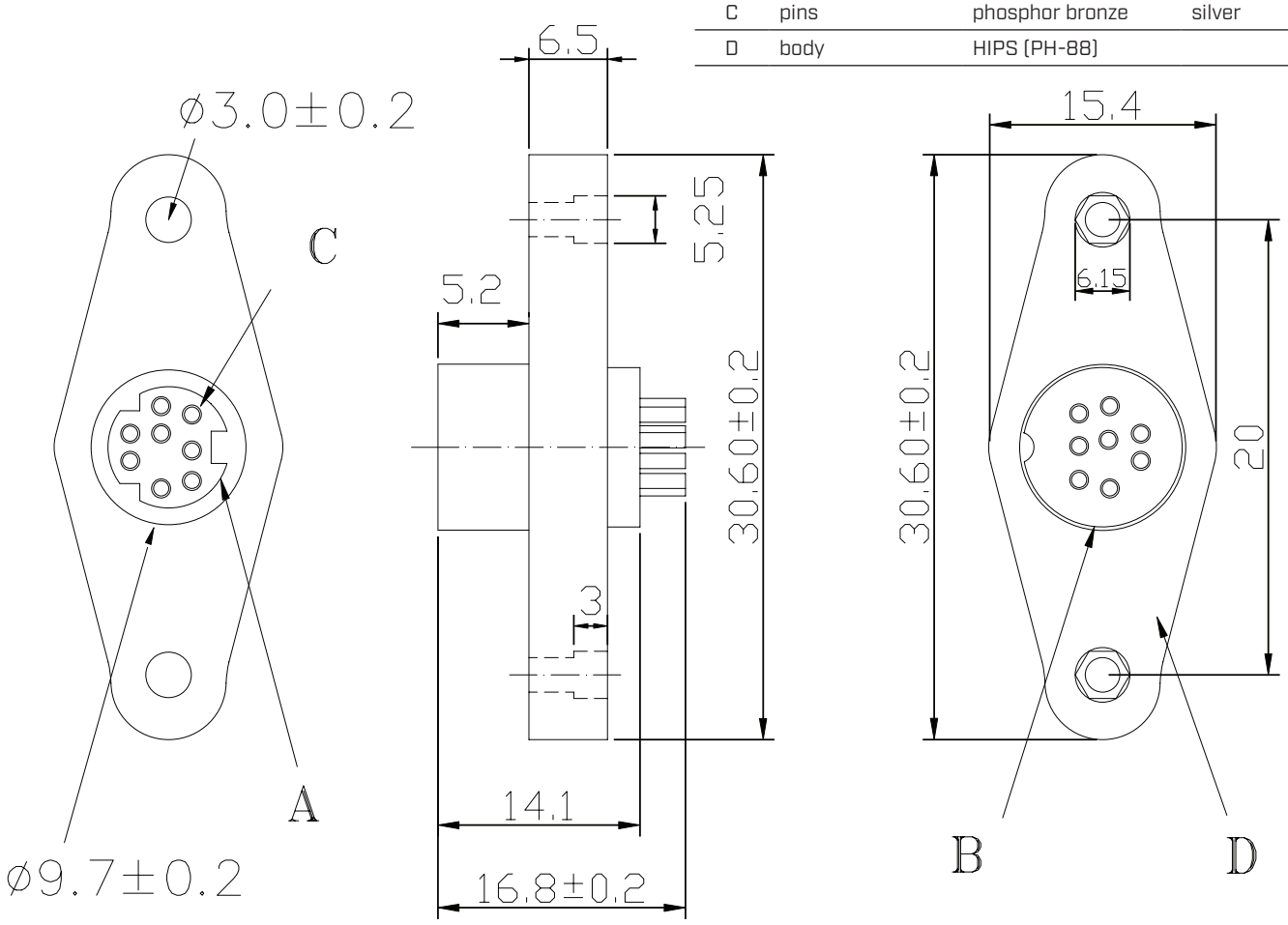
SPECIFICATIONS

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				

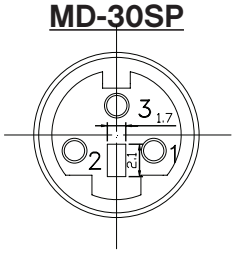
MECHANICAL DRAWINGS

units: mm
tolerance: ±0.2 mm

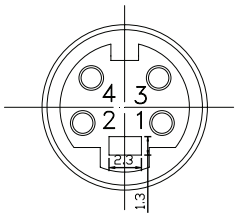
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
A	housing	NY6+FB (PA-1010C2)	
B	shell	brass	nickel
C	pins	phosphor bronze	silver
D	body	HIPS (PH-88)	



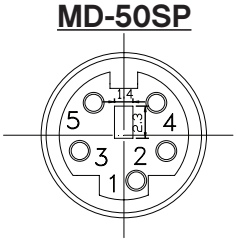
MD-30SP



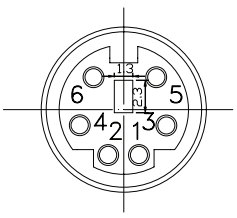
MD-40SP



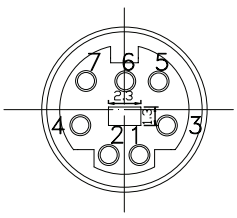
MD-50SP



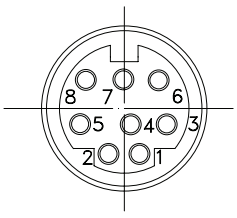
MD-60SP



MD-70SP



MD-80SP



REVISION HISTORY

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
1.06	logo, datasheet style update	08/05/2022
1.07	discontinued models MD-40SP, MD-50SP, MD-70SP & MD-80SP	09/26/2022
1.08	discontinued model MD-60SP	05/31/2023
1.09	CUI Devices rebranded to Same Sky	09/12/2024

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

same sky

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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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