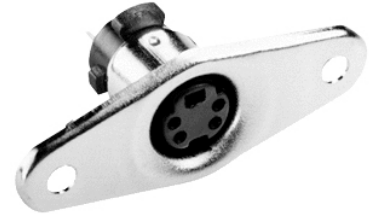
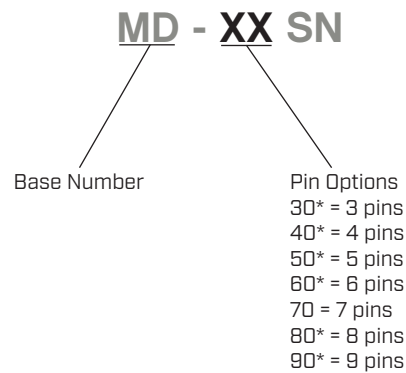


**SERIES:** MD-SN | **DESCRIPTION:** MINI DIN CONNECTOR**FEATURES**

- vertical
- panel mount
- thin metal mounting ears

**PART NUMBER KEY**

Note: \*. Discontinued MD-30SN, MD-40SN, MD-50SN, MD-60SN, MD-80SN & MD-90SN models.

**SPECIFICATIONS**

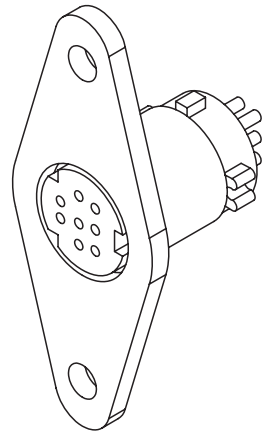
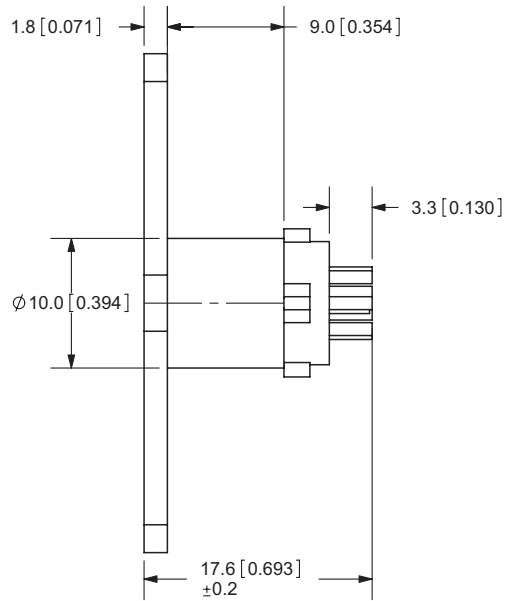
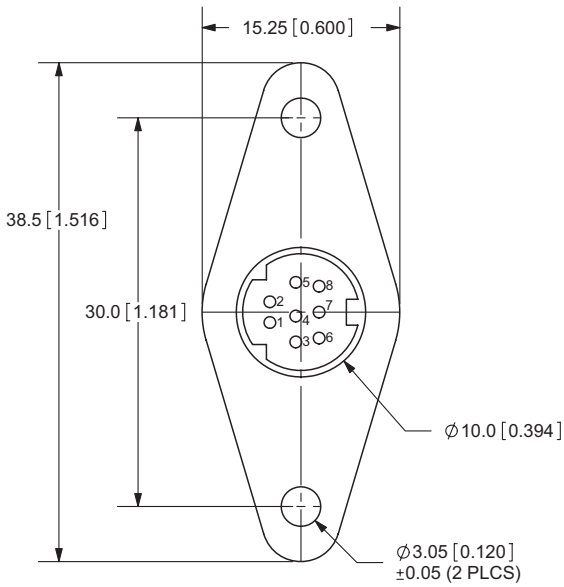
parameter	conditions/description	min	typ	max	units
rated input voltage			100 12		Vac Vdc
rated input current	at 100 Vac at 12 Vdc			1 2	A A
contact resistance				30	mΩ
insulation resistance	at 250 Vdc	50			MΩ
voltage withstand	for 1 minute			250	Vac
insertion force				4.5	kg
withdrawal force		0.9		3	kg
operating temperature		-20		105	°C
life			4,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

## MECHANICAL DRAWINGS

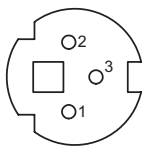
units: mm[inches]

TOLERANCE: ±0.1mm

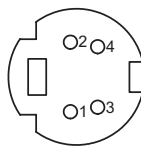
	MATERIAL	PLATING
shell (30-80)	iron	nickel
shell (90)	brass	nickel
contact terminals (1-9)	phosphor bronze	silver
plastic	nylon + fiber	



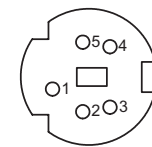
### MD-30SN



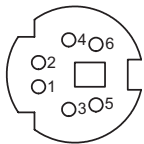
### MD-40SN



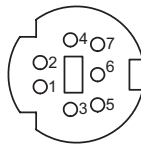
### MD-50SN



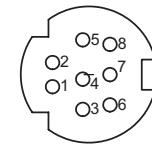
### MD-60SN



### MD-70SN

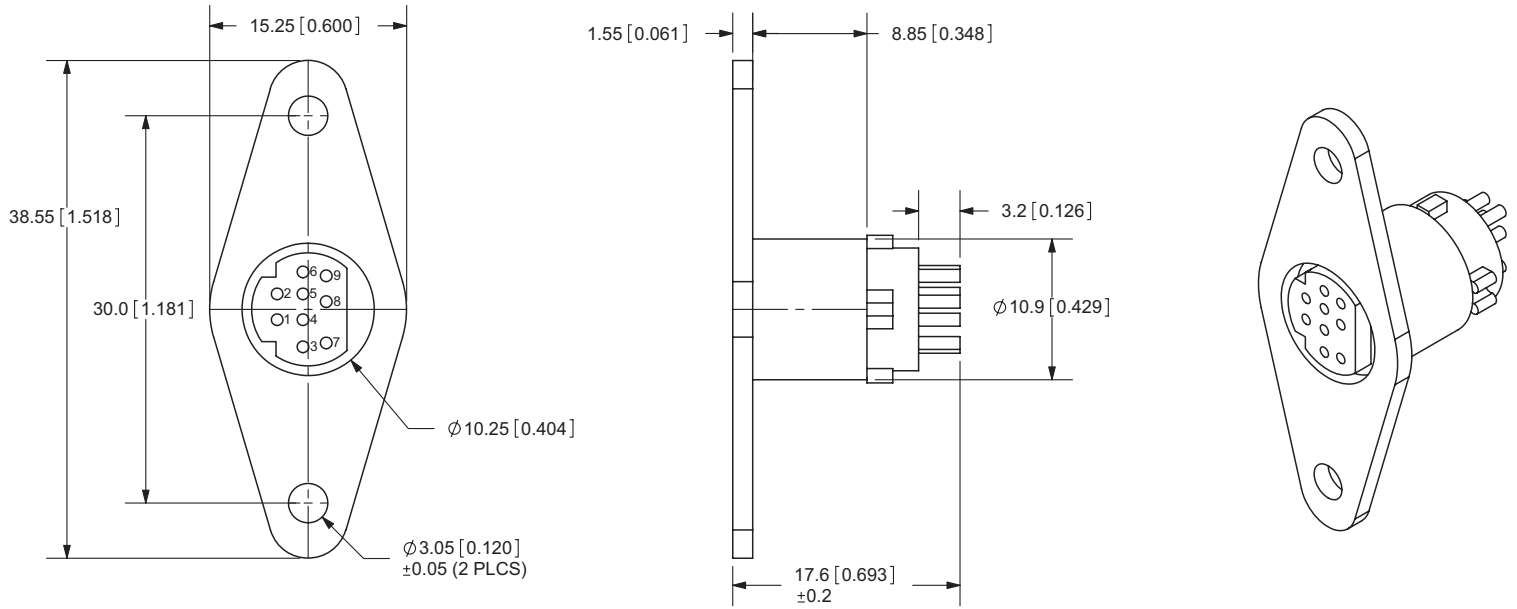


### MD-80SN



## MECHANICAL DRAWINGS (CONTINUED)

### MD-90SN



## REVISION HISTORY

rev.	description	date
1.0	initial release	04/07/2006
1.01	new template applied	05/02/2012
1.02	housing updates	05/04/2012
1.03	updated datasheet	09/08/2017
1.04	brand update	02/19/2020
1.05	logo, datasheet style update	08/05/2022
1.06	discontinued models MD-30SN, MD-50SN, MD-60SN, MD-80SN & MD-90SN	09/26/2022
1.07	discontinued model MD-40SN	10/04/2023
1.08	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 offers a one (1) year limited warranty. Complete warranty information is listed on our website.

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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.

[sameskydevices.com](https://www.sameskydevices.com)