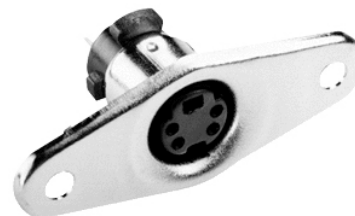
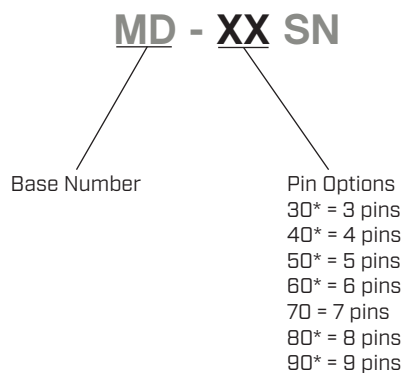


**SERIES:** MD-SN | **DESCRIPTION:** MINI DIN CONNECTOR**FEATURES**

- 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**

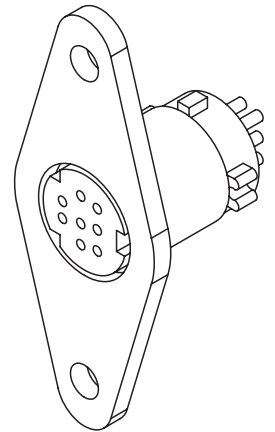
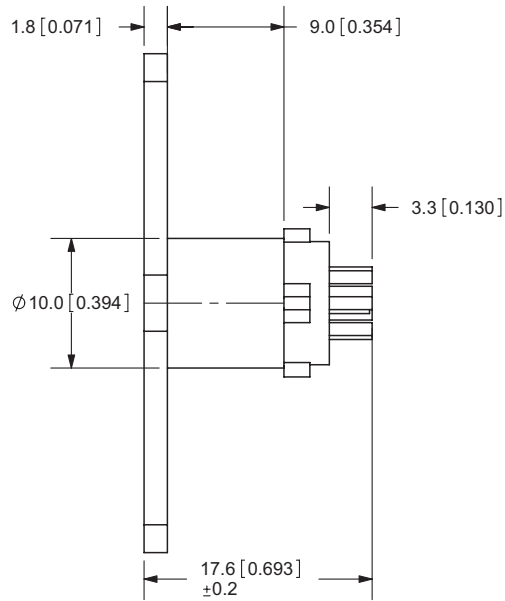
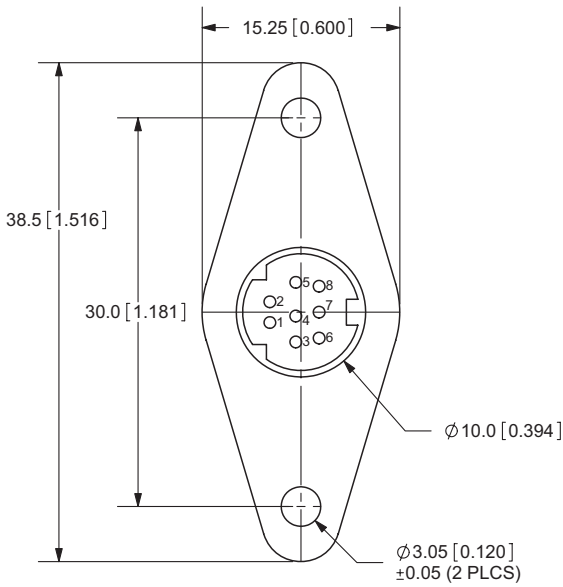
parameter	conditions/description	min	typ	max	units
rated input voltage			100 12		Vac Vdc
rated input current	at 100 Vac at 12 Vdc			1 2	A A
contact resistance				30	mΩ
insulation resistance	at 250 Vdc	50			MΩ
voltage withstand	for 1 minute			250	Vac
insertion force				4.5	kg
withdrawal force		0.9		3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

## MECHANICAL DRAWINGS

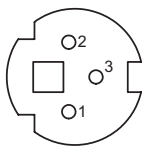
units: mm[inches]

TOLERANCE: ±0.1mm

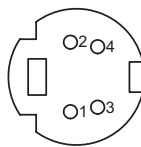
	MATERIAL	PLATING
shell (30-80)	iron	nickel
shell (90)	brass	nickel
contact terminals (1-9)	phosphor bronze	silver
plastic	nylon + fiber	



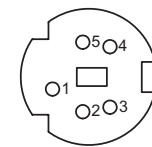
**MD-30SN**



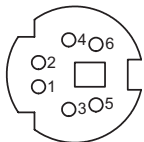
**MD-40SN**



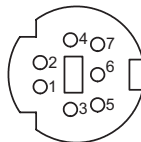
**MD-50SN**



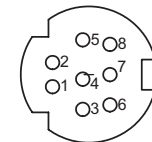
**MD-60SN**



**MD-70SN**

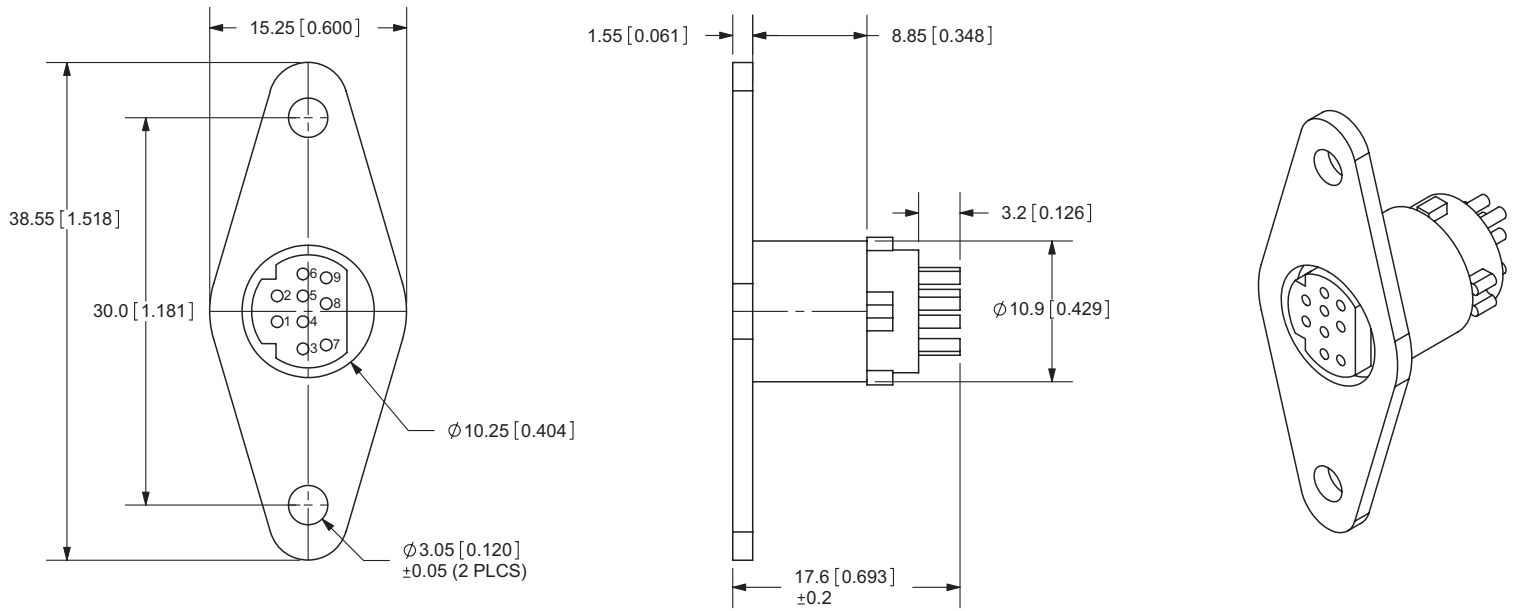


**MD-80SN**



## 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

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



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