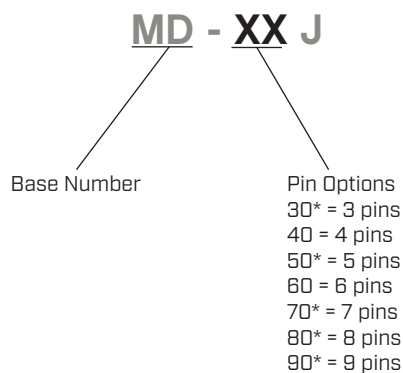


**SERIES:** MD-J | **DESCRIPTION:** MINI DIN CONNECTOR**FEATURES**

- recessed face
- includes strain relief

**PART NUMBER KEY**

Note: \*. Discontinued MD-30J, MD-50J, MD-70J, MD-80J & MD-90J

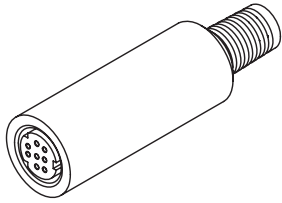
**SPECIFICATIONS**

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		85	°C
life			5,000		cycles
flammability rating	UL94HB				
RoHS	yes				

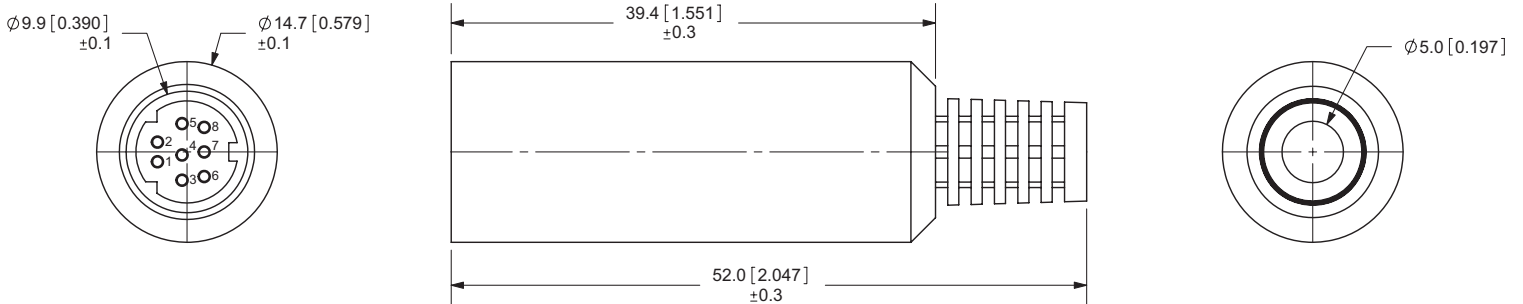
## MECHANICAL DRAWINGS

units: mm[inches]

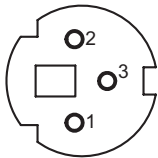
TOLERANCE: ±0.1mm



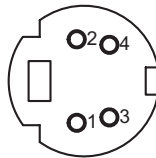
	MATERIAL	PLATING
shell	copper	nickel
pin contacts (1-9)	brass	silver
insulator	Nylon6+glass fiber	
boot	PE + 2L	
hood	ABS (PA-757)	



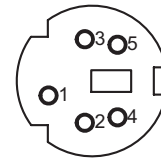
### MD-30J



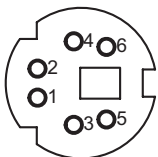
### MD-40J



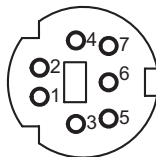
### MD-50J



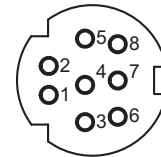
### MD-60J



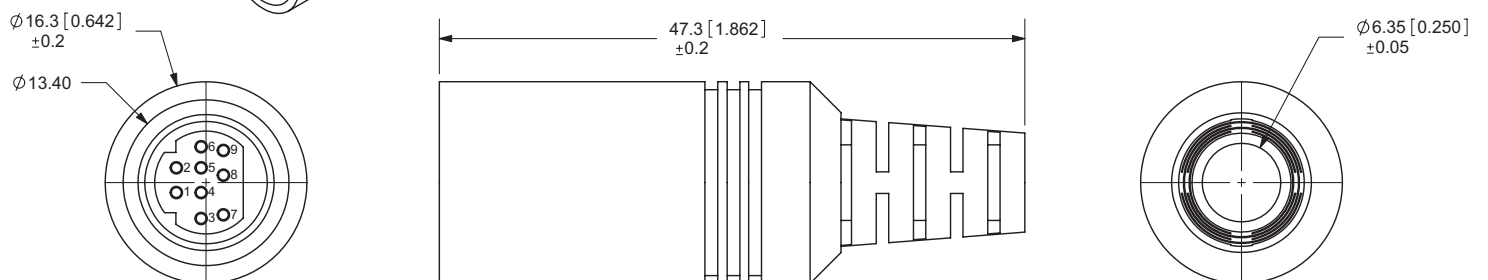
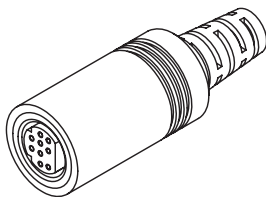
### MD-70J



### MD-80J



### MD-90J



## REVISION HISTORY

rev.	description	date
1.0	initial release	02/23/2006
1.01	new template applied	02/17/2012
1.02	updated datasheet	09/01/2017
1.03	brand update	01/03/2020
1.04	logo, datasheet style update	08/05/2022
1.05	discontinued models MD-30J, MD-50J & MD-90J	09/26/2022
1.06	discontinued models MD-70J & MD-80J	10/04/2023

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



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

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

CUI Devices 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.

[cuidevices.com](http://cuidevices.com)