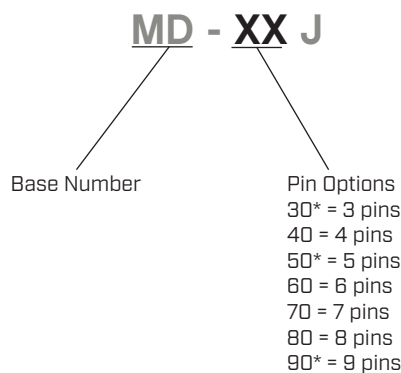


**SERIES:** MD-J | **DESCRIPTION:** MINI DIN CONNECTOR**FEATURES**

- recessed face
- includes strain relief

**PART NUMBER KEY**

Note: \*. Discontinued MD-30J, MD-50J & MD-90J 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		85	°C
life			5,000		cycles
flammability rating	UL94HB				
RoHS	yes				

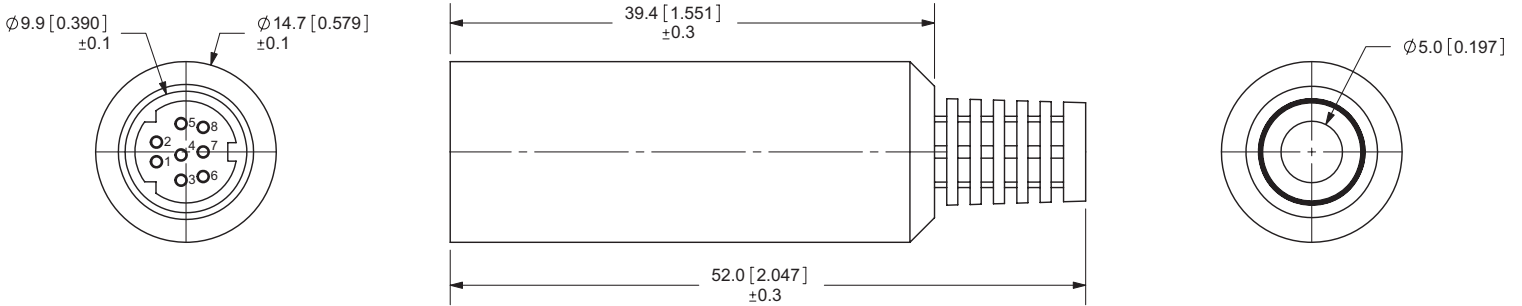
## MECHANICAL DRAWINGS

units: mm[inches]

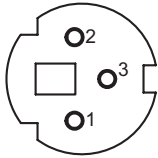
TOLERANCE: ±0.1mm



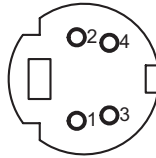
	MATERIAL	PLATING
shell	copper	nickel
pin contacts (1-9)	brass	silver
insulator	Nylon6+glass fiber	
boot	PE + 2L	
hood	ABS (PA-757)	



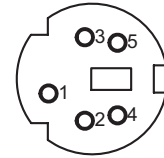
**MD-30J**



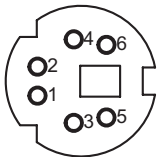
**MD-40J**



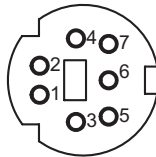
**MD-50J**



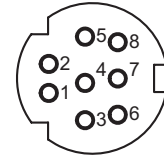
**MD-60J**



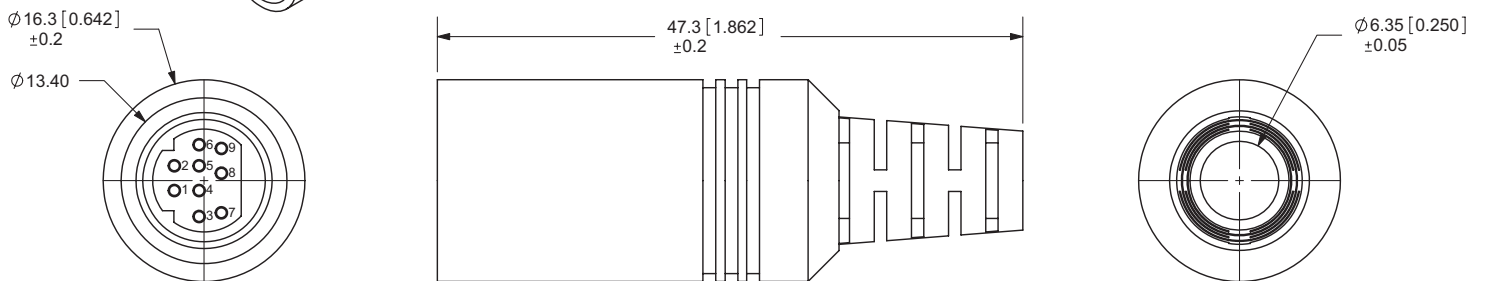
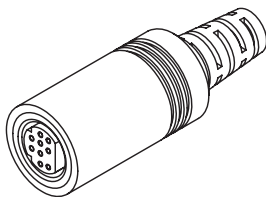
**MD-70J**



**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

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.

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