CUI Devices is now Same Sky! Learn More

same sky

Additional Resources: Product Page

SERIES: MD-J | DESCRIPTION: MINI DIN CONNECTOR

FEATURES

- recessed face
- includes strain relief



RoHS

PART NUMBER KEY

MD - XX J

Base Number

Pin Options
30* = 3 pins
40 = 4 pins
50* = 5 pins
60 = 6 pins
70* = 7 pins
80* = 8 pins
90* = 9 pins

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

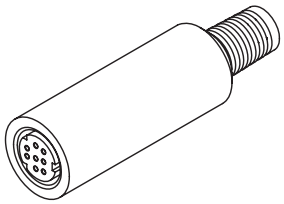
SPECIFICATIONS

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				

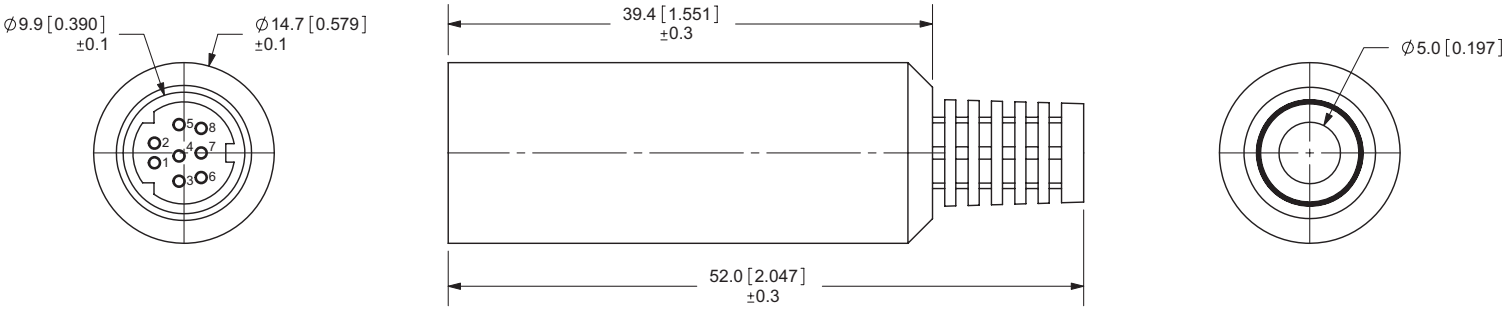
MECHANICAL DRAWINGS

units: mm[inches]

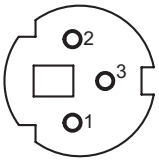
TOLERANCE: ±0.1mm



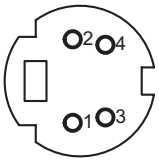
	MATERIAL	PLATING
shell	copper	nickel
pin contacts (1~9)	brass	silver
insulator	Nylon6+glass fiber	
boot	PE + 2L	
hood	ABS (PA-757)	



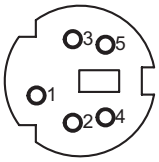
MD-30J



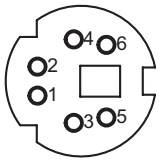
MD-40J



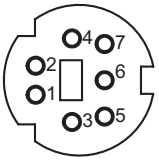
MD-50J



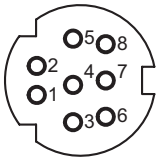
MD-60J



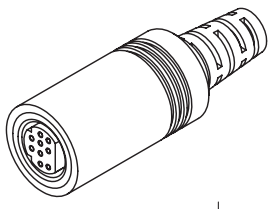
MD-70J

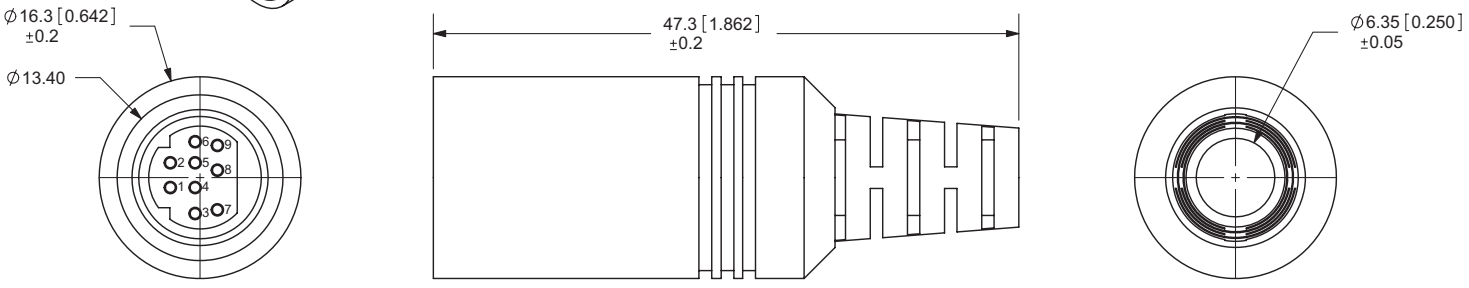


MD-80J



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
1.07	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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