CUDEVICES

SERIES: MD-PL100 | DESCRIPTION: MINI DIN CONNECTOR

FEATURES

- panel mount
- 10 cm lead wires
- 3~8 pins



RoHS

PART NUMBER KEY

MD - XX PL100

Base Number

Pin Options
30 = 3 pins
40 = 4 pins
50 = 5 pins
60 = 6 pins
80 = 8 pins

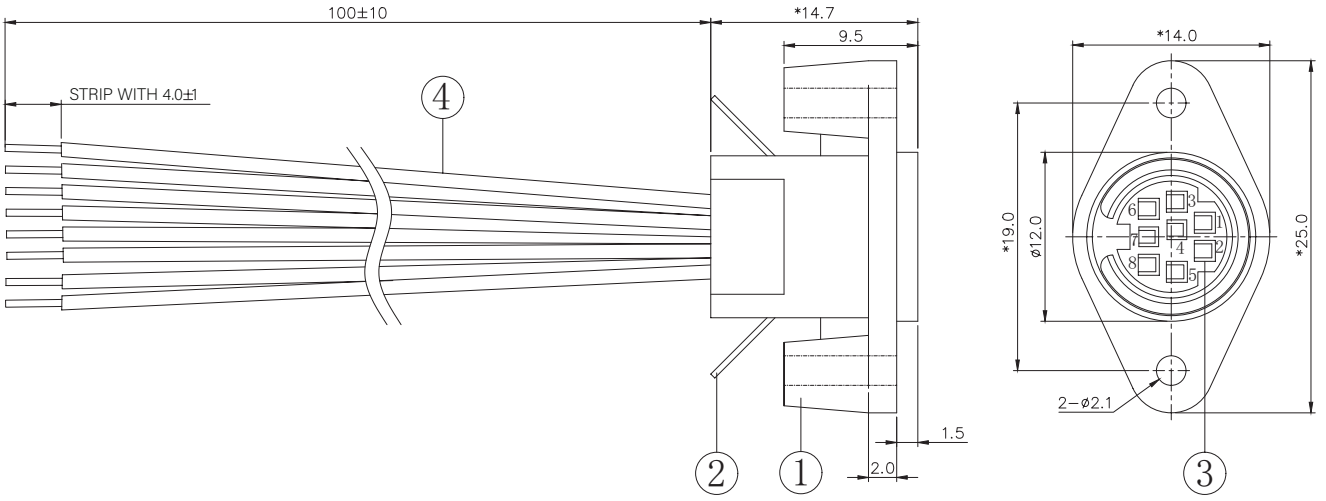
SPECIFICATIONS

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		0.8		6.5	kg
withdrawal force		0.8		4.5	kg
operating temperature		-25		80	°C
flammability rating	UL94V-0				
RoHS	yes				

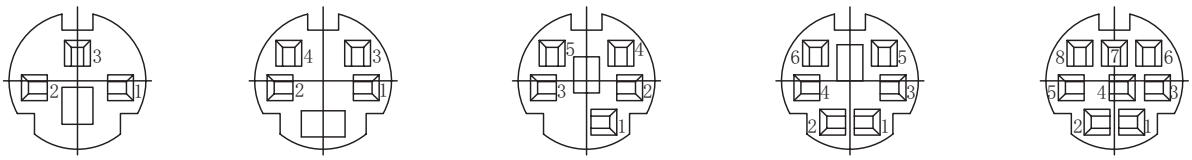
MECHANICAL DRAWINGS

units: mm
units: mm
tolerance: ±0.3 mm
unless otherwise noted

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	body	PBT (UL94V-0)	black
2	earth terminal	brass	tin
3	terminals	phosphor bronze	tin
4	wire	UL1061/AWG 26	



MD-30PL100 **MD-40PL100** **MD-50PL100** **MD-60PL100** **MD-80PL100**



PIN	Wire Color	Wire Color	Wire Color	Wire Color	Wire Color
1	black	black	brown	brown	brown
2	green	green	black	white	white
3	orange	yellow	green	black	black
4		red	yellow	green	blue
5			red	yellow	green
6				red	yellow
7					orange
8					red

REVISION HISTORY

rev.	description	date
1.0	initial release	02/23/2006
1.01	new template applied	03/07/2012
1.02	updated datasheet	08/25/2017
1.03	updated housing, brand update	10/14/2019
1.04	changed front notch size of MD-30PL100	12/15/2021
1.05	modified design, changed factory	02/17/2022
1.06	logo, datasheet style update	08/05/2022

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

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