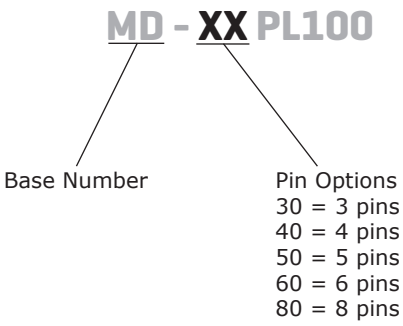
CUI DEVICES

SERIES: MD-PL100 | DESCRIPTION: MINI DIN CONNECTOR

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

RoHS

PART NUMBER KEY



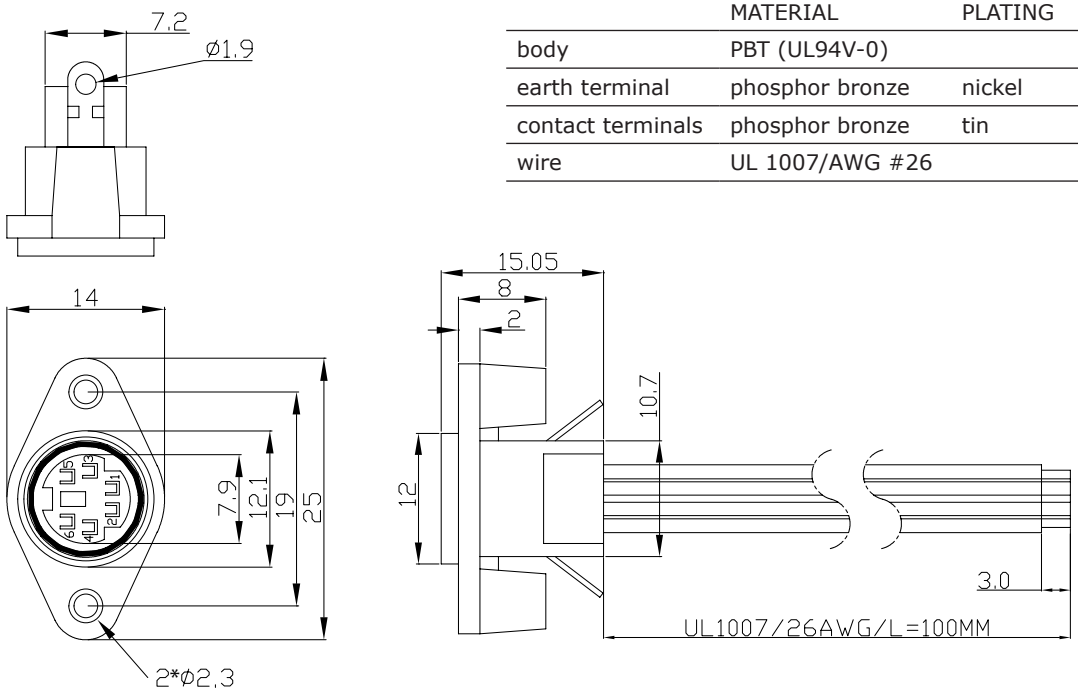
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			30		Vdc
rated input current				1	A
contact resistance				30	mΩ
insulation resistance	at 250 Vdc	1,000			MΩ
voltage withstand	for 1 minute			500	Vac
insertion force				45	N
withdrawal force		9			N
operating temperature		-25		85	°C
life			500		cycles
flammability rating	UL94V-0				
RoHS	yes				

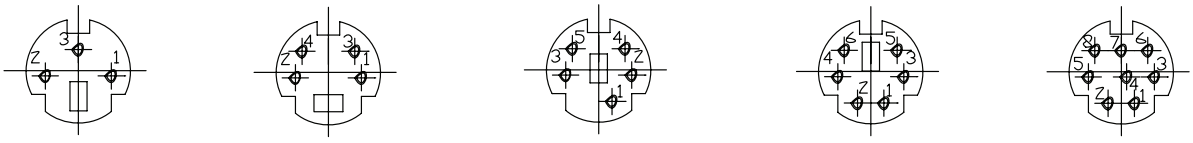
MECHANICAL DRAWINGS

units: mm
tolerance:
X. ±0.2 mm
X.X ±0.10 mm
X.XX ±0.050 mm
X.XXX ±0.005 mm

	MATERIAL	PLATING
body	PBT (UL94V-0)	
earth terminal	phosphor bronze	nickel
contact terminals	phosphor bronze	tin
wire	UL 1007/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

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