CUI INC®

MODEL: PD-40S | DESCRIPTION: POWER DIN

FEATURES

- 4-pin power DIN
- through hole power jack
- shielded
- suitable for high power applications

RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			20		Vdc
rated input current				7.5	A
contact resistance[1]				30	mΩ
insulation resistance	at 250 Vdc	50			MΩ
voltage withstand	for 1 minute			250	Vac
insertion force				6.0	kg
withdrawal force		0.5		6.0	kg
operating temperature		-40		85	°C
life	at a rate of 10~20 cycles/minute		1,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

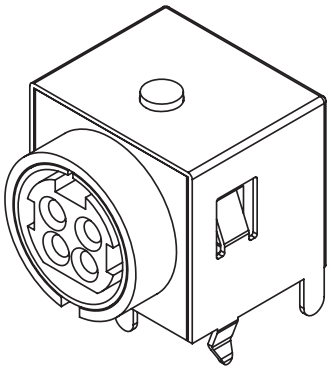
Note: 1. When measured at a current of less than 20 mA/1 kHz

SOLDERABILITY

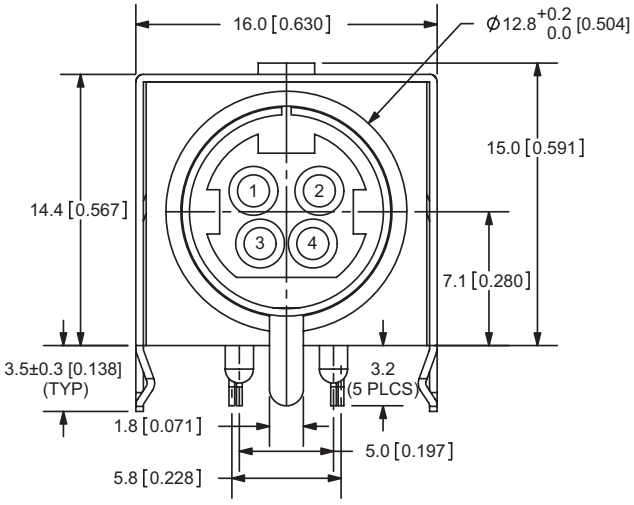
parameter	conditions/description	min	typ	max	units
hand soldering	for 3 ± 1 seconds	300		350	°C
wave soldering	for 2~5 seconds	245	255	265	°C

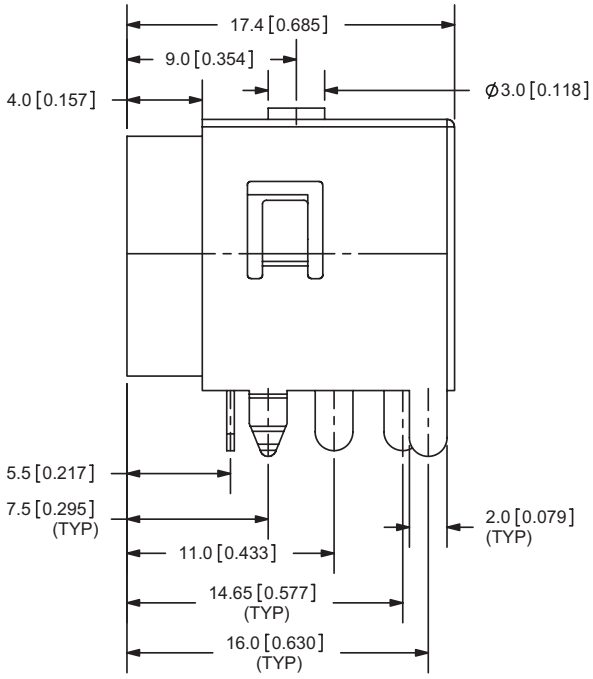
MECHANICAL DRAWING

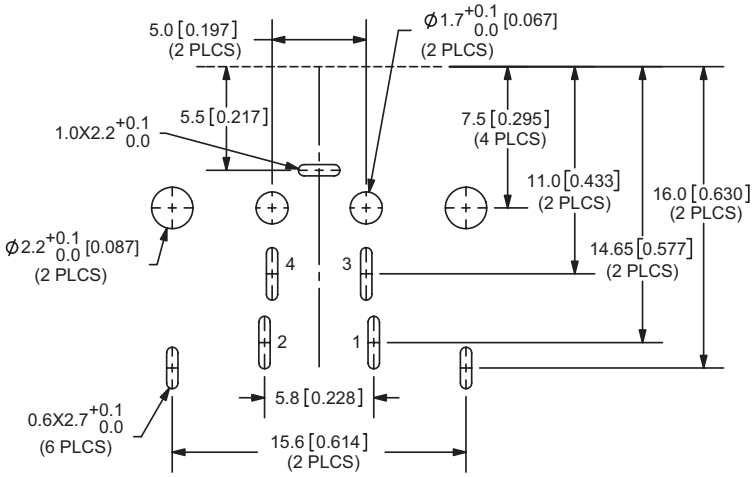
units: mm
tolerance:
X.X ±0.2 mm
PCB: ±0.1 mm



	MATERIAL	PLATING
terminal 1	brass	tin
terminal 2	brass	tin
terminal 3	brass	tin
terminal 4	brass	tin
earth terminal	brass	tin
shield	steel	tin
plastic	PBT	







Recommended PCB Layout
Top View

REVISION HISTORY

rev.	description	date
1.0	initial release	11/19/2008
1.01	update to title and tolerance	09/08/2009
1.02	updated datasheet	01/11/2018

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

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