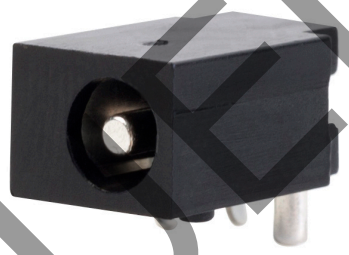
CUI DEVICES

MODEL: PJ-016 | DESCRIPTION: DC POWER JACK

FEATURES
- 1.65 mm center pin
- through hole mount
- 2 conductors, 1 internal switch



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
operating temperature		-20		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

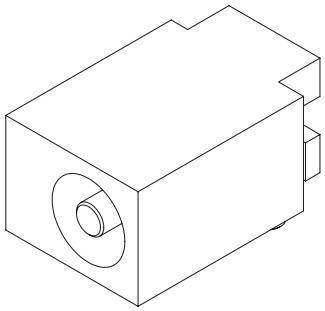
parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5 ±0.5 seconds	255	260	265	°C

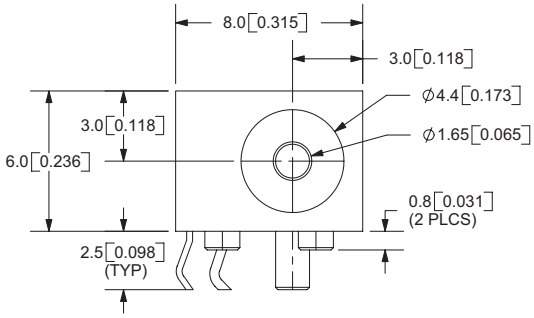
DISCONTINUED

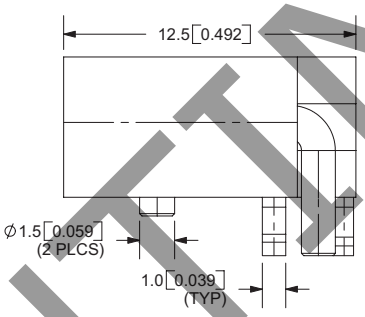
MECHANICAL DRAWING

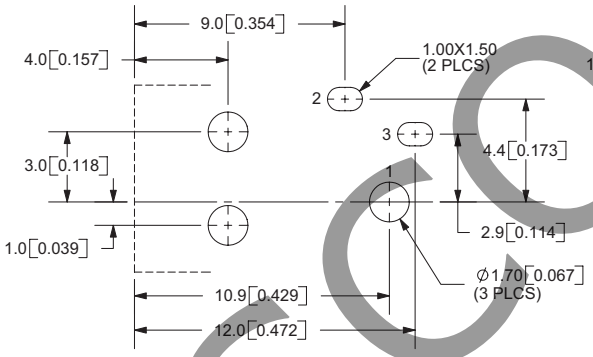
units: mm[inches]
tolerance: ±0.3 mm

	MATERIAL	PLATING
center pin	brass	silver
terminal 1	brass	silver
terminal 2	phosphor bronze	silver
terminal 3	brass	silver
plastic	PBT	

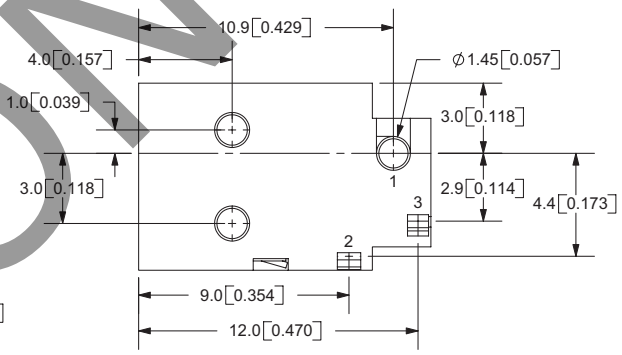


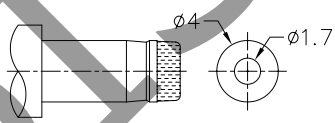




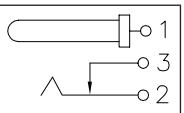


PCB LAYOUT
TOP VIEW





MATING PLUG
Jack Insertion Depth: 8.1 mm

SCHEMATIC	
Model	PJ-016
Center Pin	Ø1.65 mm

DISCONTINUED

REVISION HISTORY

rev.	description	date
1.0	initial release	05/17/2006
1.01	brand update	02/13/2020

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

DISCONTINUED

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

CUI Devices reserves the right to make changes to the product at any time without notice. Information provided by CUI Devices is believed to be accurate and reliable. However, no responsibility is assumed by CUI Devices for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.