CUDEVICES

MODEL: PJ-004CH | **DESCRIPTION:** DC POWER JACK

FEATURES

- 1 mm center pin
- 3.5 A rating
- shielded
- panel mount

RoHS

SPECIFICATIONS

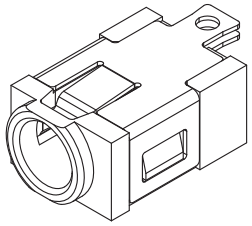
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				3.5	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc between adjacent contacts	100			MΩ
voltage withstand	for 1 minute, 0.5 mA between adjacent contacts			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life	at a rate of 24 cycles/minute		5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

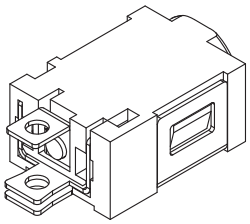
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for 3~4 seconds	340	350	360	°C

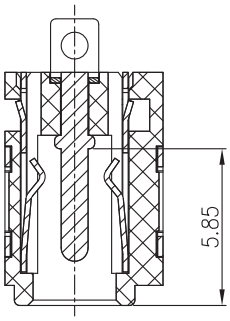
MECHANICAL DRAWING

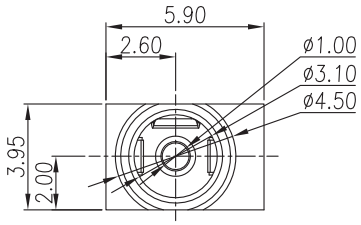
units: mm
tolerance:
X. ±0.50 mm
X.X ±0.30 mm
X.XX ±0.20 mm
unless otherwise specified

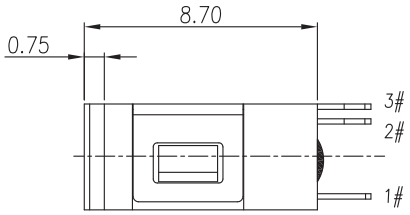


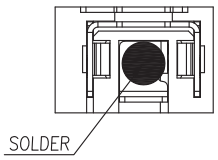


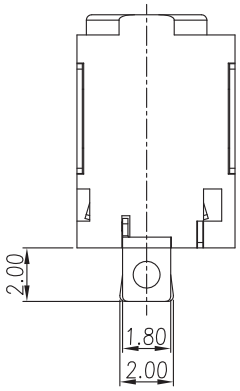
DESCRIPTION	MATERIAL	PLATING/COLOR
center pin	brass	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	copper alloy	silver
housing	PA10T (UL94V-0)	black

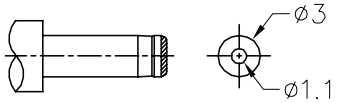




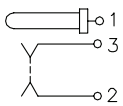








MATING PLUG
Jack Insertion Depth: 5.85 mm

SCHEMATIC	
Model	PJ-004CH
Center Pin	Ø1 mm

REVISION HISTORY

rev.	description	date
1.0	initial release	12/13/2018
1.01	brand update	10/22/2019
1.02	logo, datasheet style update	08/05/2022
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	10/02/2023

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