

**SERIES:** PJ-075-SMT | **DESCRIPTION:** DC POWER JACK

**FEATURES**

- low profile
- surface mount
- internal switch


**PART NUMBER KEY**

**PJ-075 XX -SMT**

Base Number

Center Pin Diameter  
CH = 1.0 mm  
DH = 1.3 mm

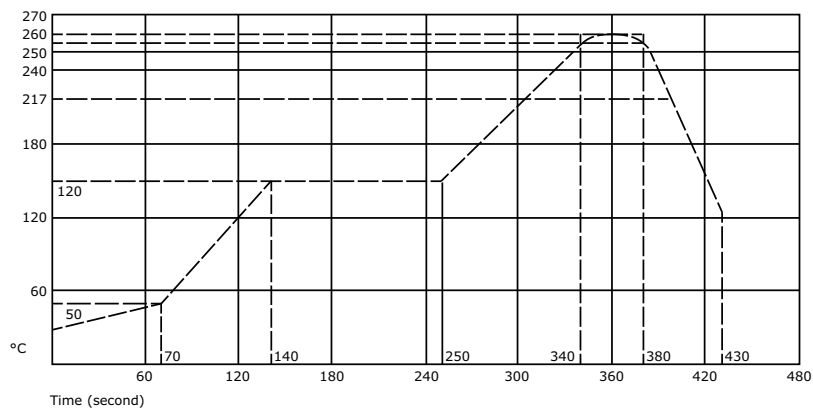
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			16		Vdc
rated input current				3.5	A
contact resistance*	between terminal and mating plug			50	mΩ
	between terminal in a closed circuit			30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawl force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles

Notes: \*When measured at a current of less than 100 mA / 1 kHz

## SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow profile	255	260	265	°C



## MECHANICAL DRAWING

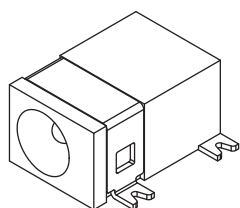
units: mm[inches]

TOLERANCE:

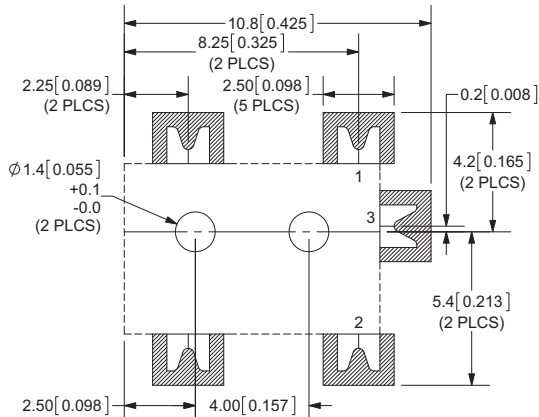
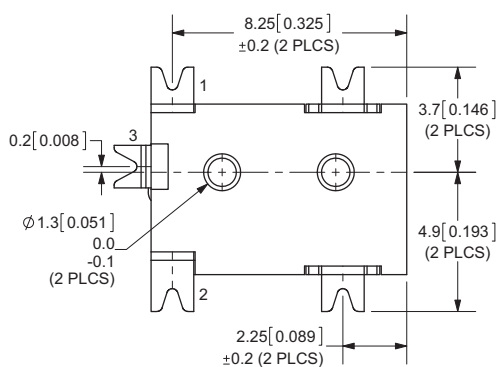
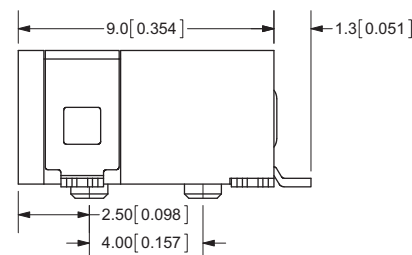
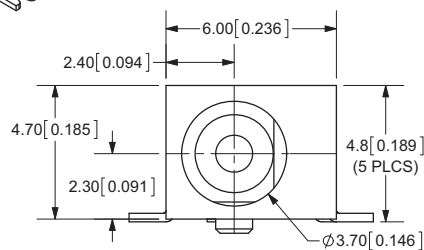
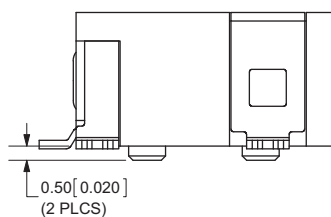
X.X ±0.2mm

X.XX ±0.1mm

X.XXX ±0.05mm



	MATERIAL	PLATING
center pin	copper	nickel
terminal 1	brass	silver
terminal 2	copper alloy	silver
terminal 3	brass	silver
shield	brass	nickel
plastic	PA6T	



MATING PLUG  
Jack Insertion Depth: 6.4mm

Schematic	
Model	Center Pin
PJ-075CH-SMT	Ø1.0 mm
PJ-075DH-SMT	Ø1.3 mm

## REVISION HISTORY

rev.	description	date
1.0	initial release	08/23/2012

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



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