



PROTECTRON ELECTROMECH (P) LTD

DESCRIPTION : DC POWER JACK, Ø2mm WITH LOCKING OPTION

PART NO: PDCJ01-01

RoHS



PHYSICAL DATA

MATERIAL & FINISH : REFER TABLE

ELECTRICAL DATA

INSULATION RESISTANCE : 100M OHMS Min. @ 500V DC for 1 minute.

DIELECTRIC STRENGTH : 500V AC FOR 1 MIN

CONTACT RESISTANCE : 100m OHMS MAX

MECHANICAL DATA

INSERTION FORCE : 1.50kgf TYP (Insert & Disconnect the plug gauge 3times)

EXTRACTION FORCE : 0.3 ~ 2.0Kgf (Insert & Disconnect the plug gauge 3times)

MATING CYCLES : 1000 CYCLES at a speed of 10-25 cycles/minute.

ENVIRONMENTAL DATA

TEMPERATURE RANGE : -20° TO +80° C

PROCESS RATING : 230±5° FOR 3 Seconds

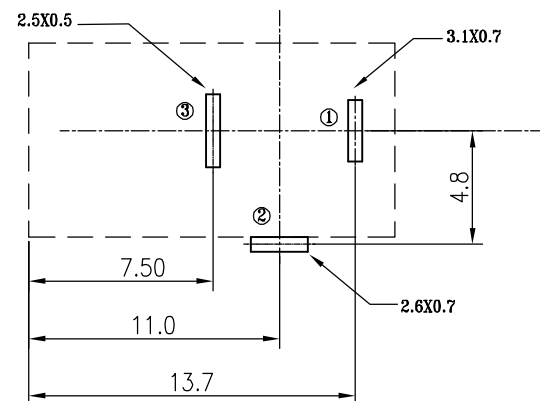
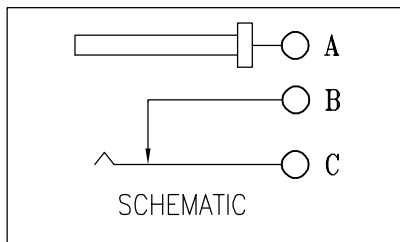
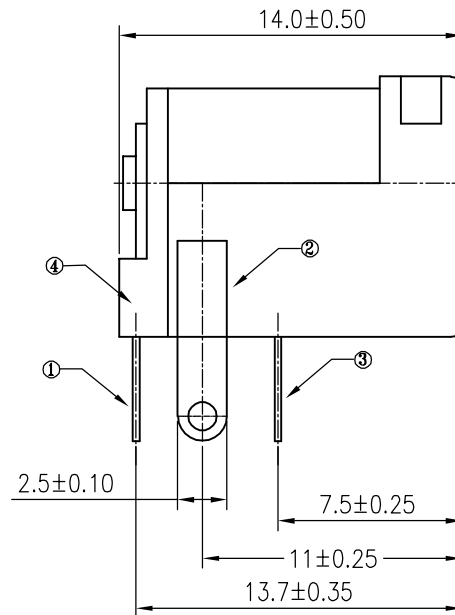
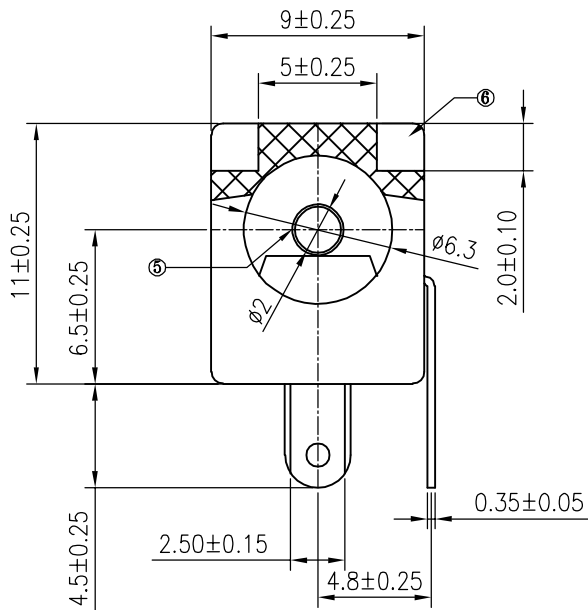
PROVISIONAL



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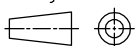
RECOMMENDED PCB LAYOUT(TOL.±0.05)

6	CASE	PBT/PC	1	BLACK
5	PLUG PIN A	2.0mm BRASS PIN	1	Ni PLATED
4	COVER	PBT/PC	1	BLACK
3	TERMINAL C	0.2mm BRASS STRIP	1	Ag OVER Ni PLATED
2	TERMINAL B	0.3mm BRASS STRIP	1	Ag OVER Ni PLATED
1	TERMINAL A	0.3mm BRASS STRIP	1	Ag OVER Ni PLATED
NO.	PART NAME	MATERIAL	QTY.	FINISHING

PROVISIONAL

A5	DRAWING REVISED & TOLERANCE UPDATED	RAMYA	16.06.2018		
A4	DIMENSIONS UPDATED	VENILA	18.09.2015		SACHIN
A3	INCLUDED TOLERANCE & PIN NUMBER UPDATED IN SCHEMATIC DIAGRAM	SUJATHA	26.07.2011	SACHIN	V.RAMANI
A2	DIMENSIONS AND FOOT PRINT CORRECTED	SACHIN	23.11.2004	SAVITHA	SURINDRA
A1	DIMENSIONS AND FOOT PRINT CHANGED	SACHIN	22.11.2004		
A	ORIGINAL	SACHIN	07.09.2004		
REV.	DESCRIPTION	BY	DATE	CK'ED BY	APP'D BY

Projection:



Scale: NTS

Sht. Size: A4

Gen. Tol.: ±0.5mm
±0.2°

ALL DIMENSIONS ARE IN MM.
IF UNLESS OTHERWISE SPECIFIED.

<http://www.protectron.in>

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