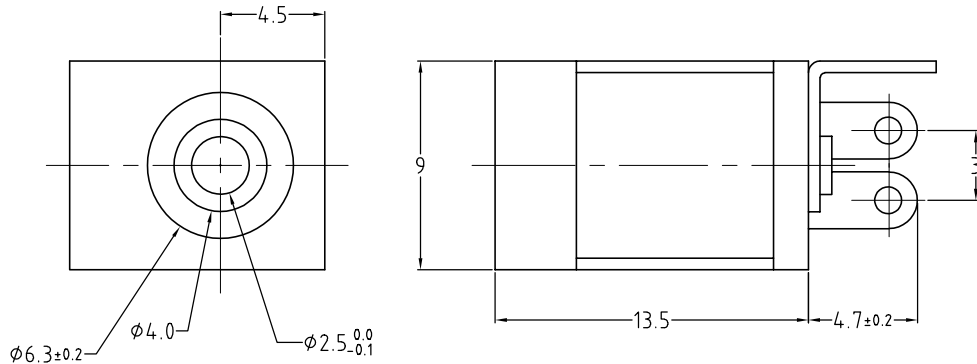
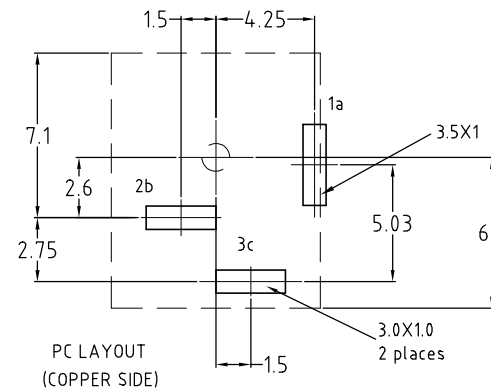
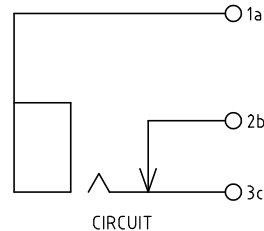
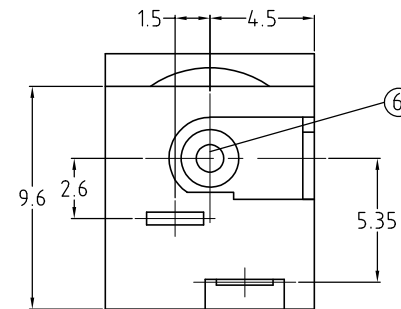
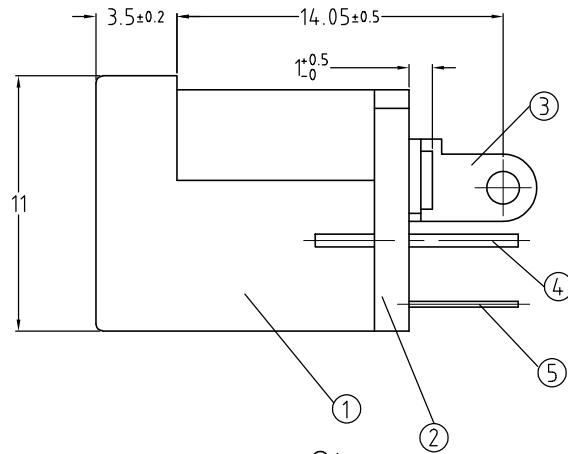


ISS.	AMEND	DATE
1	WAS ON FC68146 DWG	07/12/21



No.	DESCRIPTION	QTY	MATERIAL	FINISH
1	HOUSING	1	PBT +30% GLASS	BLACK AS MOULDED
2	P.C.B.	1	P.C.B.	-
3	EARTH TERMINAL	1	C2680R-H t=0.5	SILVER PLATED
4	BREAK TERMINAL	1	C2680R-H t=0.5	SILVER PLATED
5	TIP TERMINAL	1	C5210R-SH t=0.5	SILVER PLATED
6	CENTRE PIN	1	BRASS	Ni PLATED



**NOTES:**

- MECHANICAL DIMENSION : 13.1X8.8X10.7 mm.
- INSULATION : PLASTIC HOUSING, RESISTANCE VALUE AT 1000MΩ.
- SHUNT SPRING : BRASS SILVER PLATED.
- TIP SPRING: COPPER ALLOY SILVER PLATED.
- MOUNTING BUSHING : BRASS NICKEL PLATED.
- PLASTIC HOUSING : PLASTIC APPROVED BY U.L.
- INSULATION RESISTANCE : BETWEEN ANY OPEN TERMINAL MORE THAN 100MΩ AT 100V OR 250V, HUMIDITY AT 90-95% RELATIVE HUMIDITY AT 40°C.
- CONTACT RESISTANCE:
  - RESISTANCE NORMALLY CLOSED CONTACTS LESS THAN 30MΩ.
  - AFTER 5000 CYCLES OF INSERTIONS WITH TESTING PLUG.
- INSERTION FORCE : 0.5kg-15kg, EXTRACTION FORCE:0.5kg-15kg.
- VOLTAGE TEST : WITHSTAND 500V BETWEEN ANY OPEN TERMINAL FOR ONE MINUTE.
- LIFE TIME : WITHSTAND MORE THAN 5000 CYCLES INSERTION AND WITHDRAWAL WITH TESTING PLUG.
- THIS PRODUCT SHOULD NOT BE WASHED BY A CHLORIDE.
- OPERATING TEMPERATURE :-20°C-+100°C.

RATED 12V DC - 5A

**RoHS**  
COMPLIANT

**TOLERANCE**  
 NO DEC. PLACE ± 0.50  
 1 DEC. PLACE ± 0.30  
 2 DEC. PLACE ± 0.10  
 HOLE Ø ± 0.10  
 ANGLES ± 2°  
 UNLESS OTHERWISE STATED

**Cliff Electronic Components Ltd.**

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DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED. WORK TO DIMENSIONS. REMOVE ALL BURRS. IF IN DOUBT ASK.

3rd ANGLE PROJECTION:

DO NOT SCALE

MATERIAL: SEE TABLE

FINISH: SEE TABLE

TITLE: DC POWER SOCKET DC9A - Ø2.5

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DRAWN: T.J.O.

APPROVED: D.P.J.

DRWG. No. **FC681461**

FORM: A4DRWGH