



VARIANTS

MODEL	DIM A	P/No.
DC9	2.0	FC68146
DC9A	2.5	FC681461

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 ±0.5	SILVER PLATED
4	BREAK TERMINAL	1	C2680R-H ±0.5	SILVER PLATED
5	TIP TERMINAL	1	C5210R-SH ±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:
a. RESISTANCE NORMALLY CLOSED CONTACTS LESS THAN 30MΩ
b. AFTER 5000 CYCLES OF INSERTIONS WITH TESTING PLUG.
9. 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.



TOLERANCE

- NO DEC. PLACE ± 0.50
- 1 DEC. PLACE ± 0.30
- 2 DEC. PLACE ± 0.10
- HOLE DIA. ± 0.10
- ANGLES ± 2°
- UNLESS OTHERWISE STATED

WHERE USED F.R.

DIMENSIONS IN MILLIMETERS UNLESS OTHER WISE STATED. WORK TO DIMENSIONS. DO NOT SCALE DRAWING. 3rd ANGLE PROJECTION. REMOVE ALL BURRS. IF IN DOUBT ASK.

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MATERIAL SEE TABLE

FINISH SEE TABLE

DRAWN CAMJ

APPD. RWT

DRWG. No. **FC68146**

TITLE **DC POWER SOCKET DC9**

FORM: A4DRWGH

ISS

3

UPDATED

17/6/03

AMEND

1
2
3

REDRAWN

MATL PBT

14/2/91

5/6/90

DATE

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