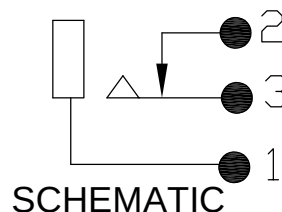
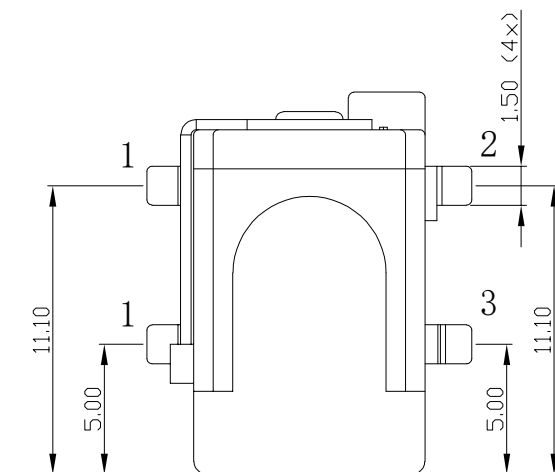


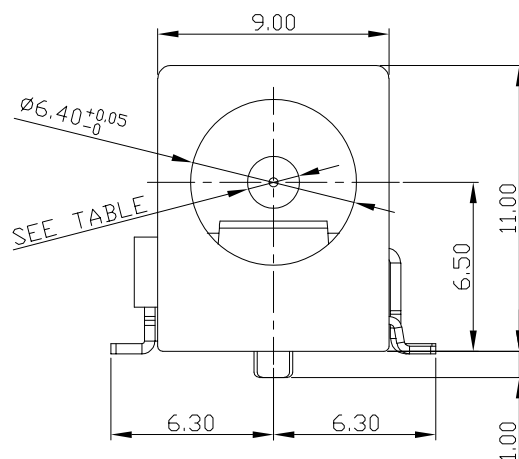
DESCRIPTION	QTY	MATERIAL	FINISH / COLOUR
COVER	1	PA9T	BLACK
HOUSING	1	PA9T	BLACK
CENTRE PIN	1	BRASS	NICKEL PLATED
CONTACT 1	1	BRASS	Ag PLATED
CONTACT 2	1	BRASS	Ag PLATED
CONTACT 3	1	PHOS BRONZE	Ag PLATED



ISS.	AMEND	DATE
1	ISSUED	16/10/12
2	ERR WAS 1000x/REEL	07/08/13
3	UPDATE PEG DIMS	24/10/16
4	VARIOUS UPDATES	28/04/25

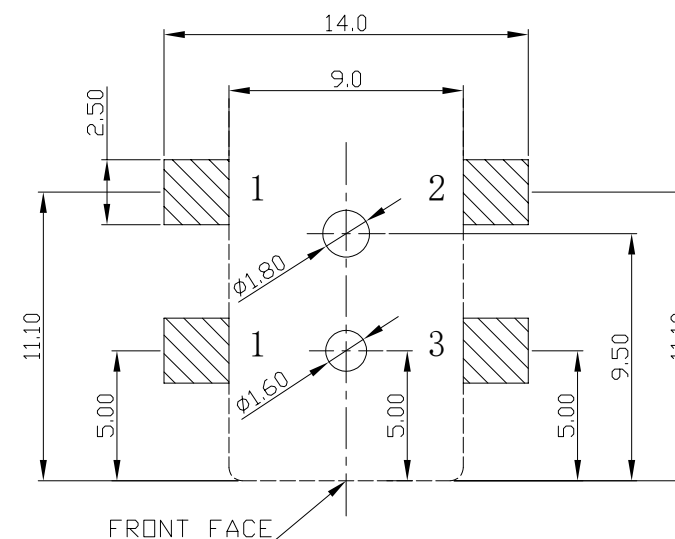
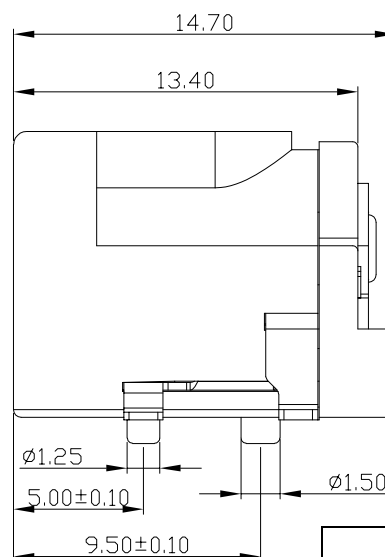


FRONT FACE



SPECIFICATION

CONTACT RESISTANCE: <30mΩ
 WITHSTAND VOLTAGE: 500VAC
 INSULATION RESISTANCE: >100MΩ (250V DC)
 ELECTRICAL RATING: 2A / 12V DC
 INSERTION / WITHDRAWAL FORCE: 0.3-2 kgf (3N-20N)
 LIFE : MINIMUM 5000x CYCLES
 OPERATING TEMPERATURE: -30°C TO +70°C



PCB LAYOUT
(TOP VIEW)

VARIANTS			
PART No.	DESCRIPTION	PIN Ø	SUPPLIED
FC68148S	SMD DC10-AS	Ø2.1	BAGGED / LOOSE
FC68149S	SMD DC10-BS	Ø2.5	BAGGED / LOOSE
FC68148ST	SMDT DC10-AS	Ø2.1	TAPED 250x PER REEL
FC68149ST	SMDT DC10-BS	Ø2.5	TAPED 250x PER REEL

RoHS
COMPLIANT

TOLERANCE

NO DEC. PLACE ± 0.50
 1 DEC. PLACE ± 0.30
 2 DEC. PLACE ± 0.15
 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.

MATERIAL: SEE TABLE

FINISH: CLEAN

DRAWN: T.J.O.

APPROVED: D.P.J.

3rd ANGLE PROJECTION:

TITLE: SMD SOCKET DC-10AS 2.1mm + DC-10BS 2.5mm

DRWG. No. FC68148S

FORM: A4DRWGH

DO NOT SCALE