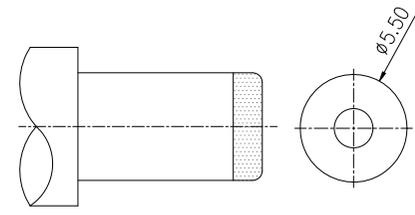
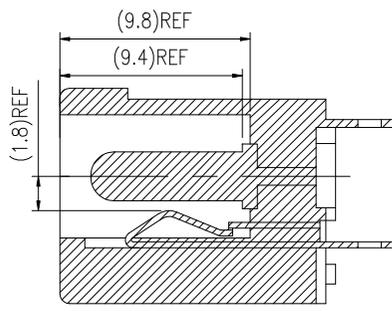
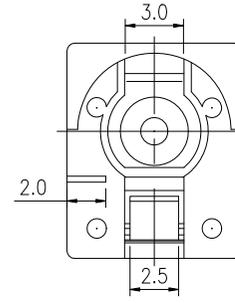
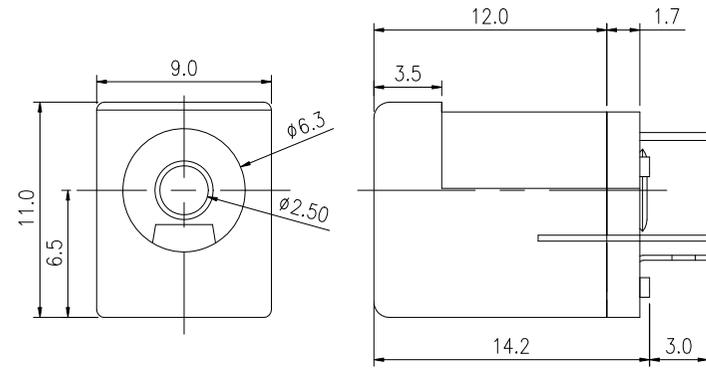
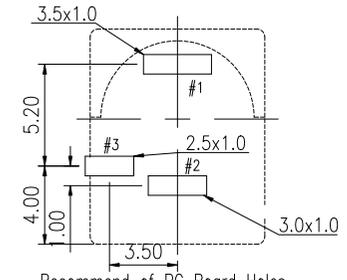


PROPRIETARY INFORMATION
COMPANY CONFIDENTIAL

REV.	ECN.	NO.	DESCRIPTION	ENG	DATE
A			INITIAL	Hill	07/07/22'

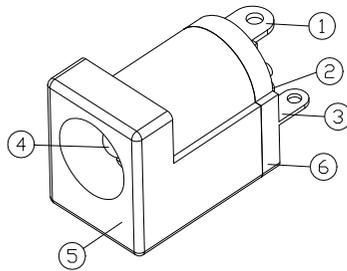


DC MATE PLUG REF



Recommend of PC Board Holes
Tolerance : ±0.05(Bottom view)

- NOTES:
- ELECTRICAL CHARACTERISTICS:
 - 1-1.RATING :DC30V 1A ;
 - 1-2.CONTACT RESISTANCE: 50mΩ MAX.(INITIAL), 100mΩ MAX.(FINAL) AFTER TEST: ≤50mΩ;
 - 1-3.DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE;
 - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC;
 - MECHANICAL CHARACTERISTICS:
 - 2-1. PLUG INSERTION FORCE 0.3~2.0KGF (INITIAL), 0.3~2.0KGF (FINAL) LIFE TEST;
 - 2-2. PLUG EXTRACTION FORCE: 0.3~2.0KGF (INITIAL), 0.3~2.0KGF (FINAL) LIFE TEST;
 - DURABILITY TEST: 5,000 CYCLES MIN;
 - OPERATING TEMPERATURE: -25°C ~ +70°C;
 - SOLDERING HEAT RESISTANCE WAVE SOLDERING 230°C;
 - PLUG INTERFACE DIMENSIONS CONFORM TO EIAJ RC-5321 SPEC;
 - PACKAGING: PLASTIC BAG;



PIN	SCHEMATIC
Ø2.5	

ITEM	NAME	Q'TY	DESCRIPTION	NOTE
6	COVER	1	PBT,UL-94VO(BLACK)	
5	HOUSING	1	PBT,UL-94VO(BLACK)	
4	PIN	1	BRASS, Ni PLATED	
3	CURVE PIECE	1	BRASS, TIN PLATED	
2	SPRING	1	BRASS, TIN PLATED	
1	FLAT PIECE	1	BRASS, TIN PLATED	

GENERAL TOLERANCE	ANGLE TOLERANCE	DRAWN	DATE
X.X ±0.30 X.XX ±0.20 X.XXX ±0.15	± 5°	Hill	07/07/22'
MATL	SEE BOM	CHECKED	DATE
FINISH	SEE NOTES	APPROVED	DATE
SCALE	N/A	Hill	07/07/22'
SHEET	1 OF 1		

RoHS
Compliant

genesis
connected solutions

TITLE:
Ø2.50 DC POWER JACK

PART NUMBER:
151-10152-01

DRAWING NO. 151-10152

SIZE A4
REV. A