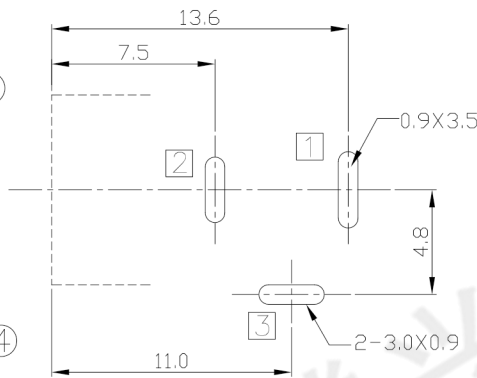
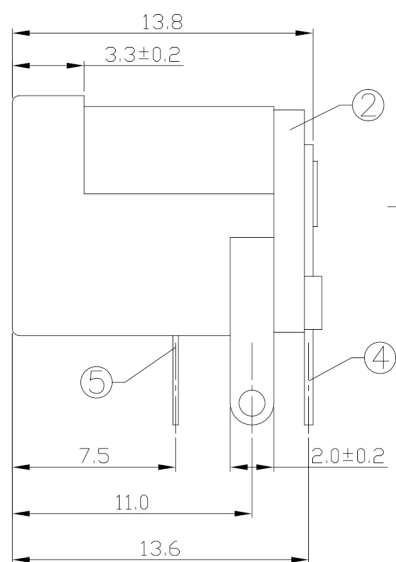
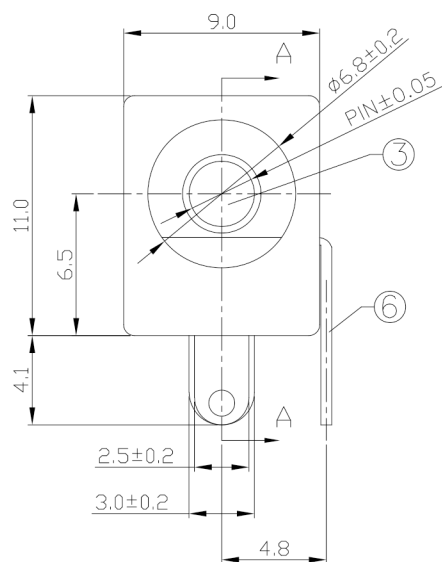


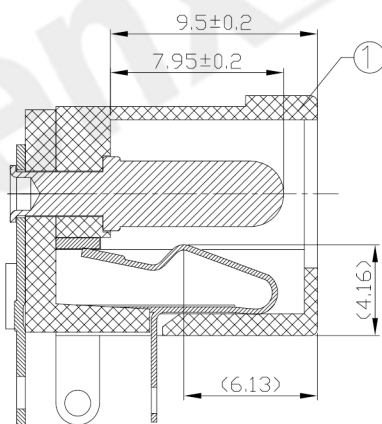


RoHS Compliant
2002/95/EC

DIMENSIONS



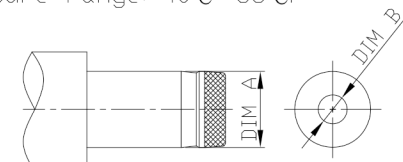
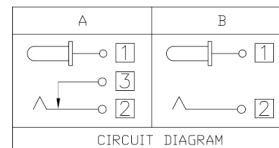
RECOMMENDED P.C.B. LAYOUT
UNSPECIFIED TOLERANCE:±0.05
(TOP VIEW)



SECTION A-A

- MODEL CODE:
DCB0-0005F- A □ PB BK T 0 4
(1) (2) (3)(4) (5) (6) (7)(8) (9)
- (1):Series type:DIP DC POWER JACK.
 - (2):Series No.
 - (3):Schematic option: A , B
 - (4):Center pin diameter:
H=φ2.0 , J=φ2.5 , K=φ3.0 , L=φ3.2
 - (5):Material of housing:
PB=PBT(Standard) , 66=PA66
6T=PA6T
 - (6):Housing color:
BK=Black , 9A=White(0100=PBT)
 - (7):Terminal plating
T=Tin(Sn)
 - (8):Special option:
0=Center pin is Circle needle
&Housing is Halogen
1=Center pin is Even needle
&Housing is Halogen
H=Center pin is Circle needle
&Housing is Halogen Free
 - (9):Packing mode:
4=Bag packing

- Specification:
- 1.Rating :DC 20V 4A.
 - 2.Contact resistance :≤30mΩ
After test:≤50mΩ
 - 3.Insulation resistance : ≥100MΩ (500VDC).
After test:≥50MΩ
 - 4.Withstanding voltage: 500VAC .
 - 5.Insertion and extraction force: 3N~30N.
 - 6.life test: 5000cycles min.
 - 7.Operation temperature range:-20℃~70℃.
 - 8.Preservative temperature range:-40℃~85℃.



Model No.	H	J	K	L
CENTER PIN	φ2.0	φ2.5	φ3.0	φ3.2
DIM A	φ5.5±0.05	φ5.5±0.05	φ6.5±0.05	φ6.5±0.05
DIM B	φ2.05 ^{+0.10} _{-0.00}	φ2.55 ^{+0.10} _{-0.00}	φ3.05 ^{+0.10} _{-0.00}	φ3.25 ^{+0.10} _{-0.00}

DC MATE PLUG

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING	TOLERANCE	ANGLES	UNITS
⑥	Shunt terminal ③	Copper Alloy	1	Tin plating			mm
⑤	Tip spring ②	Copper Alloy	1	Tin plating	±0.3	±2°	MAT'L
④	Center pin terminal ①	Copper Alloy	1	Tin plating			SEE NOTE
③	Center pin	Copper Alloy	1	CuSn plating			FINISH
②	Cover	Thermoplastic	1	Black			SEE NOTE
①	Housing	Thermoplastic	1	See P/N ordering info			Q'TY
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东莞市腾兴电子有限公司

TITLE: DIP DC POWER JACK	PART NO.: DCB0-0005F
DR: Ricky 2019/03/06	DWG NO.: AB0-0005F
CHKD: Ricky 2019/03/06	SCALE SHEET REV. CUSTOMER DRAWING
APPD:	1:1 1/1 A