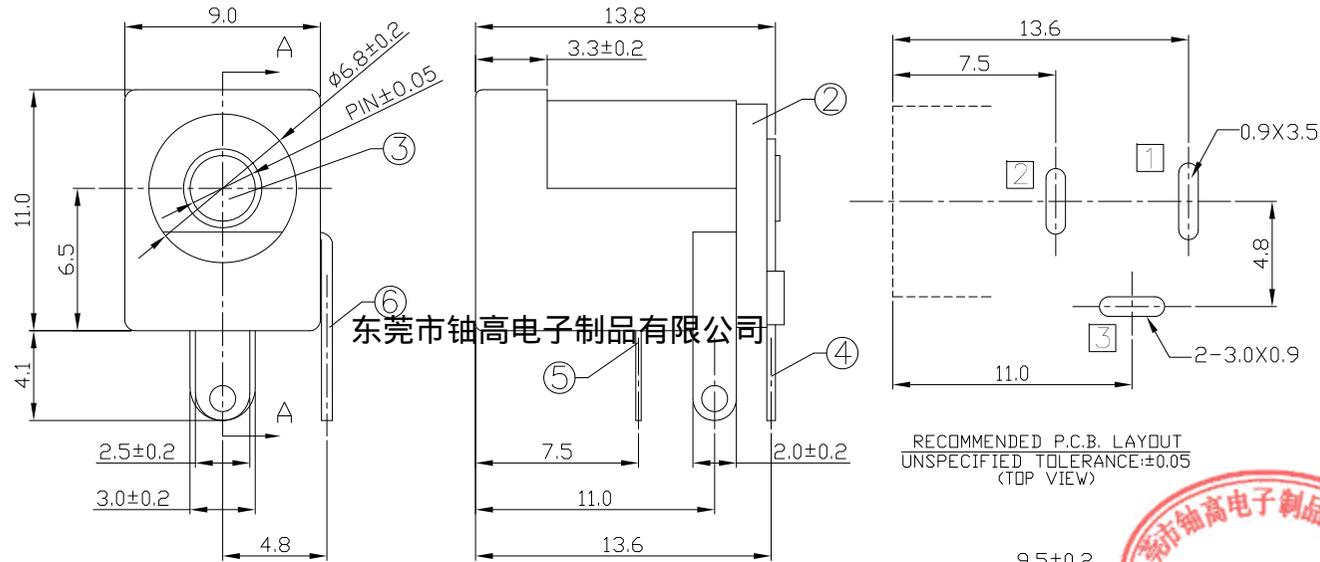


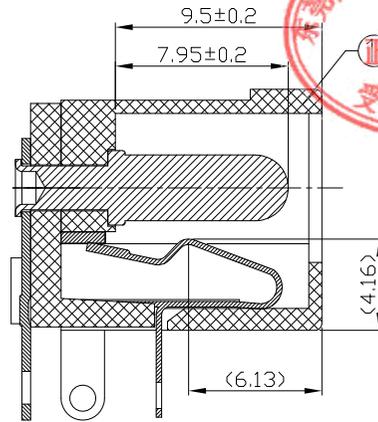


RoHS
Compliant
2002/95/EC

DIMENSIONS



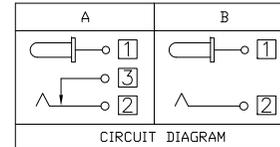
RECOMMENDED P.C.B. LAYOUT
UNSPECIFIED TOLERANCE:±0.05
(TOP VIEW)



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

