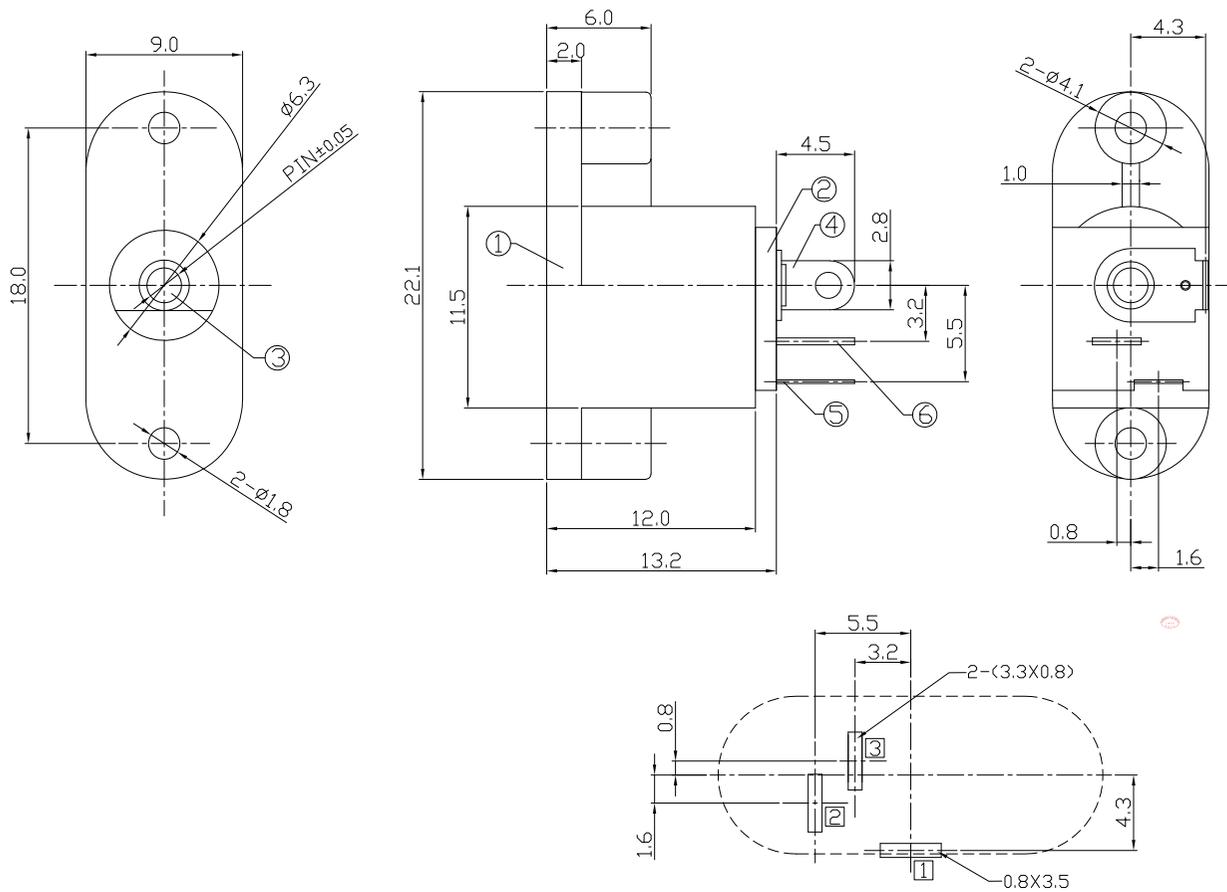




RoHS
Compliant
2002/95/EC

REV.	ECN.	NO.	APPD.

DIMENSIONS



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

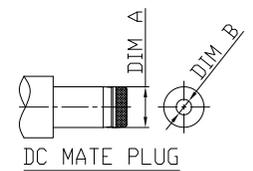
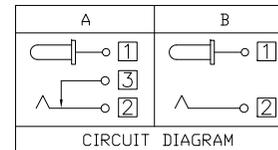
MODEL CODE:

DCB0-00180- A □ PB BK I 0 4

- (1): Series type: DIP DC POWER JACK.
 (2): Series No.
 (3): Schematic option: A, B
 (4): Center pin diameter:
 H= $\phi 2.0$, I= $\phi 2.35$, J= $\phi 2.5$
 (5): Material of housing:
 PB=PBT
 (6): Housing color:
 BK=Black
 (7): Terminal plating
 T= Tin(Sn)
 (8): Special option:
 0=No special option
 (9): Packing mode:
 4=Bag packing

SPECIFICATION:

- Rating : DC 20V 3A;
- Contact resistance: $\leq 50m\Omega$;
After test: $\leq 100m\Omega$
- Insulation resistance: $\geq 100M\Omega$ (DC500V);
After test: $\geq 50M\Omega$
- Withstand voltage: 500VAC ;
- Insertion and extraction force: 3-30N;
- life test: 5,000 cycles;
- Operation temperature range: $-20^{\circ}C \sim 70^{\circ}C$;
- Preservative temperature range: $-40^{\circ}C \sim 85^{\circ}C$;



Model No.	H	I	J
CENTER PIN	$\phi 2.0$	$\phi 2.35$	$\phi 2.5$
DIM A	$\phi 5.5 \pm 0.05$	$\phi 5.5 \pm 0.05$	$\phi 5.5 \pm 0.05$
DIM B	$\phi 2.05^{+0.10}_{-0.00}$	$\phi 2.40^{+0.10}_{-0.00}$	$\phi 2.55^{+0.10}_{-0.00}$

○: ITEM NO. □: TERMINAL NO.

NO.	PARTS	MATERIAL	Q'TY	FINISHING	TOLERANCE	ANGLES	UNITS
⑥	Shunt terminal ③	Brass	1	Tin Plating			mm
⑤	Tip spring ②	Mn steel	1	Tin Plating	.X ± 0.50	X $\pm 5^{\circ}$	MAT'L
④	Center pin terminal ①	Brass	1	Tin Plating	.XX ± 0.30	.X $\pm 3^{\circ}$	SEE NOTE
③	Center pin	Brass	1	Ni plating	.XXX ± 0.15	.XX $\pm 2^{\circ}$	FINISH
②	Cover	Thermoplastic	1	Black			SEE NOTE
①	Housing	Thermoplastic	1	Black			Q'TY
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东莞市铰高电子制品有限公司

TITLE:	DIP DC POWER JACK	PART NO.:	DCB0-00180
DR:	Ricky 2019/04/09	DWG NO.:	AB0-00180
CHKD:	Ricky 2019/04/09	SCALE	SHEET
APPD:		1:1	1/1
		REV.	A
		CUSTOMER	DRAWING