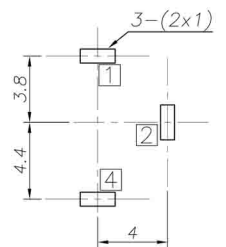
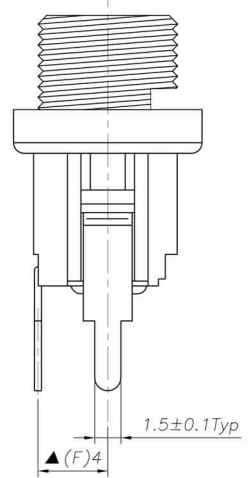
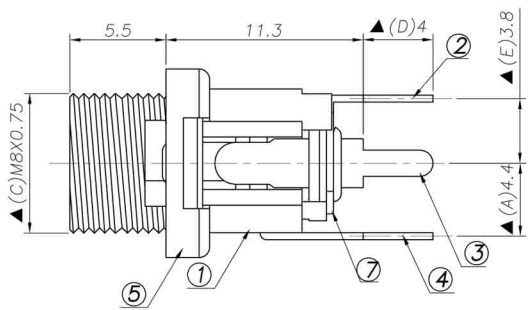
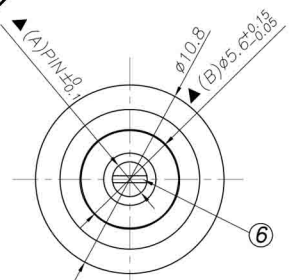
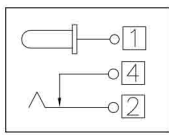
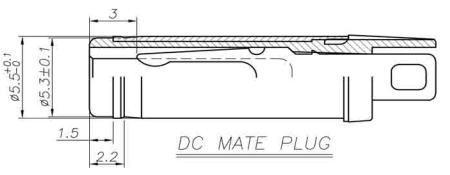
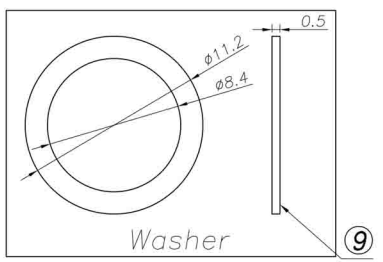
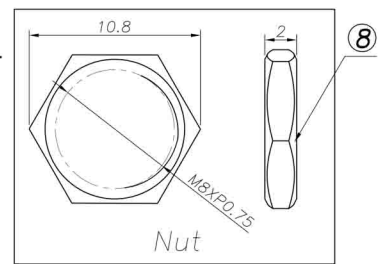


**RoHS  
Compliant  
Drawing For  
Reference Only**



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



**Specification:**

1. Rating : DC 30V 0.5A.
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°C~70°C.
8. Preservative temperature range: -40°C~85°C.
9. Sign "▲" is importance dimension.

Model No.	DS-046A-NB	DS-046B-NB
Pin	φ2.5	φ2.0

TOLERANCE	ANGLES
±0.3	±2°

NO.	DESCRIPTION	QTY	MATERIAL	REMARK
⑨	Washer-2	1	Spcc	Nickel plating
⑧	Nut	1	Copper alloy	Nickel plating
⑦	Washer-1	2	Bakelite	
⑥	Pin	1	Copper alloy	Nickel plating
⑤	Bushing	1	Copper alloy	Nickel plating
④	Shunt Terminal	④	Brass	Copper&tin plating
③	Tip Spring	②	Phosphor bronze	Copper&tin plating
②	Center pin terminal	①	Brass	Copper&tin plating
①	Housing	1	PBT	Black

**Technical requirement :**

1. This product should meet EU RoHS related requirement.
2. The surface of plastic part should be without any crackle such as burr,lack,and so on phenomenon.
3. The surface of metal part should be without any defect such as scour,nick,oxidation and plating problem.
4. The electronic performance should be the same as spec.

**DCI DRAGON CITY INDUSTRIES LIMITED**

Item Name	DC POWER JACK	Tolerance :	Design	K.W Law	Remark	Scale
Item No.	DS-046-NB	Unit : mm	Drawing	W.K Yeung	Remark	Material
			Check	K.L Wong	Remark	Drawing No.
			Approval	K.W Chan	Remark	Sheet