

### SPECIFICATION

1. Rating : DC 12V 30V , 50A
2. Contact resistance :  $\leq 30m\Omega$
3. Insulation resistance :  $\geq 100M\Omega$
4. Withstand voltage : 500VAC
5. Insertion and extraction force : 3-20N
6. life test : 5,000 cycles

### Technology Request:

1. Outlook: No burr, no hurt.
2. Electronic performance:
  - a: Insulation resistance: Above DC500V/100M $\Omega$ ;
  - b: Endure voltage: AC500V at 1 minute;
  - c: Contact resistance: Under 30m $\Omega$ ;
  - d: Rating: DC 24V 7A
3. Insertion force & withdrawal force: 0.3-3kgf.
4. Salt spray test: 24H.
5. Meet RoHS.
6. Remark \* is important specification.

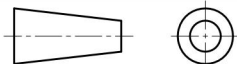
3	2. 刺破端子	BRONZE(C5191)	Ni 40~150 $\mu$
2	外管	BRASS(C3604)	Ni 40~150 $\mu$
1	PLASTIC	PBT	BLACK
NO.	PART	MATERIAL	PLATING



东莞市溪榜电子有限公司  
DONG GUAN XI BANG ELECTRONICS CO., LTD

TITLE : XB DC power plug

MODEL : XB-DC-T5521TV235刺破式



TOLERANCE  
 $\leq 1.5mm \pm 0.1$   
 $> 1.5mm \pm 0.2$   
 $\geq 10.0mm \pm 0.3$

ANGLE TOL  
 $\pm 2^\circ$

UNIT : MM	DWN.	ZENQ. CHEN	DATE	
SCALE : 3 : 1	CHK'D	DONG. PANG	DATE	
VERSTON	01	APPD.	FEL. LONG. HE	DATE

6	PIN	BRASS	1	Ni PLATED
5	TERMINAL	BRASS STRIP t=0.3	1	Ag PLATED
4	SPRING TERMINAL C	PBS STRIP t=0.25	1	Ag PLATED
3	TERMINAL B	BRASS STRIP t=0.3	1	Ag PLATED
2	TERMINAL A	BRASS STRIP t=0.3	1	Ag PLATED
1	HOUSING	PBT UL94-V0	1	BLACK
NO.	PART NAME	MATERIAL	QTY.	FINISHING