

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 Ω ;
 - b: Endure voltage: AC500V at 1 minute;
 - c: Contact resistance: Under 30m Ω ;
3. Insertion force & withdrawal force: 0.3-3kgf.
4. Salt spray test: 24H.
5. Meet RoHS.
6. Remark * is important specification.

符合ROHS标准

- 1、耐电压: AC500V, 1分钟无异状。
- 2、绝缘抵抗: DC500, 100M Ω 以上。
- 3、接触抵抗: 100MA-500MA, 30M Ω 以下。
- 4、表面处理: 镀镍、扩散良好。
- 5、插拔力 0.3-3KG

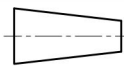
4	绝缘体	PBT加纤25%	黑/白/蓝	
3	弹圈	磷铜	镀镍	
2	中管	黄铜	镀镍	
1	PIN	铜针	镀镍	
项目	零件名称	材质	处理 颜色	零件料号



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-T55144-5521CR DC插头带锁螺母5520 /DC公头带螺母锁5525



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

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

ANGLE TOL
 $\pm 2^\circ$

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