



CIRCUIT DIAGRAM

P.C.B LAYOUT(TOP VIEW)

PART NO.	CONTACT PIN DIAMETER (X)
SCD-021	2.0 MM
SCD-021-A	2.5 MM

NO.	PART NAME	Q'TY	MATERIAL (THICK, COLOR)	REMARK
7	NUT	1	H59 (COPPER ALLOY)	NI-PLATED RoHS COMPLIANT
6	REAR COVER	1	BAKELITE	RoHS COMPLIANT
5	BODY	1	PBT 94V-0 BLACK	RoHS COMPLIANT
4	CENTER PIECE	1	H59	CuSn-PLATED RoHS COMPLIANT
3	FLAT PIECE	1	H62Y t=0.3	Ag-PLAED RoHS COMPLIANT
2	TIP SPRING	1	QSn6.5-0.1Y t=0.2	RoHS COMPLIANT
1	CURVE	1	H62Y t=0.3	CuSn-PLATED RoHS COMPLIANT

Dimensions unless otherwise specified	
Size Range	Tolerance
L ≤ 1	±0.15
1 < L ≤ 8	±0.25
8 < L ≤ 23	±0.3
23 < L ≤ 50	±0.35
ANGLE	±3°

DWN	H.D.YANG	DATE	2008.06.10
DSND	H.D.YANG	DATE	2008.06.10
CHKD	Y.H.LONG	DATE	2008.06.10
APVD	TONY.LIAO	DATE	2008.06.10

SCALE:	
VIEW:	
UNIT: mm	
DESCRIPTION:	
POWER SOCKET	
MODEL NO. SCD-021	

Product Specification

Construction

Housing : Thermoplastic
Center Pin : Nickel Plating
Terminal : Brass/Copper alloy

Specification

Rating : 2.0A 16VDC
Withstanding Voltage : AC 500V, 60Hz for 1 minute
Insulation resistance(initial) : 100M Ω (min.) at 500V DC
Contact resistance(initial) : 30m Ω max.
Insertion & Extraction force : I
Initial : 0.3 to 3.0Kgs
After life test : 0.2 to 3.0Kgs
Life Test (20-30 cycle/minute) : 5000 cycles unloading

				Description:	General specifications for DC power jack.
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