

Rohs

REV.	DESCRIPTION	DRAW.	DATE.
A0	NEW RELEASE	Y.C.ZHANG	2018/07/20

Notes:

1. Electrical Characteristics:

1-1.Rating :DC 20 V 5 A;

1-2.Contact Resistance: 30mΩ Max.(Initial),
Between plug and contact 100mΩ Max;
(Final) After Life test: ≤60mΩ;1-3.Dielectric Withstanding Voltage: 500V AC for One
Minute;1-4. Insulation Resistance: 100MΩ Min. Measured By 500
VDC;

2. Mechanical Characteristics:

2-1. Plug Insertion Force 0.3~3.0Kgf (initial),0.3~3.0Kgf
(Final) life test;2-2. Plug Extraction Force: 0.3~3.0Kgf (initial),0.3~3.0Kgf
(Final) life test;

3. Durability Test: 5,000 Cycles min;

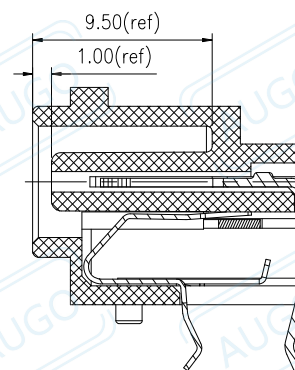
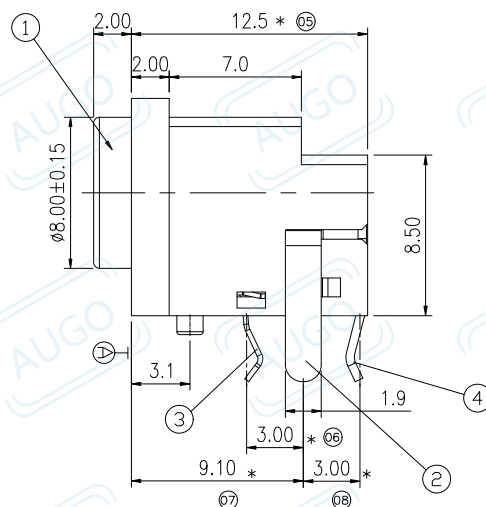
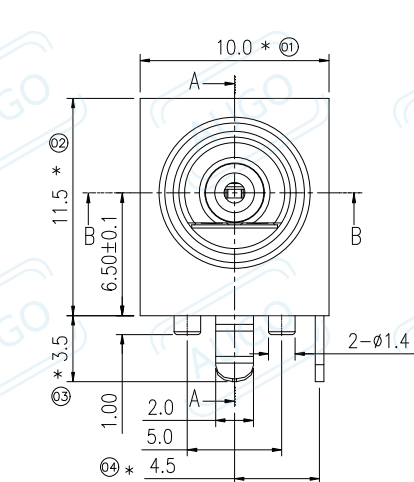
4. Operating temperature: -25°C ~ +70°C;

5. Soldering Heat Resistance Wave soldering 230°C or 265°C;

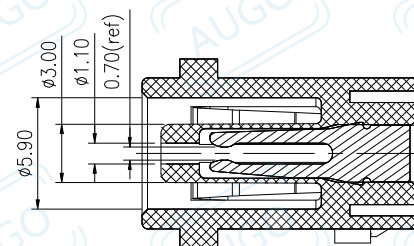
6. Plug Interface Dimensions Conform To EIAJ RC-5320A

Spec;

7. Packaging: Plastic Bag;

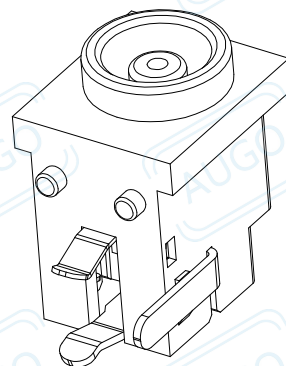
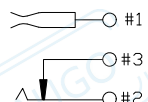


SECTION A-A

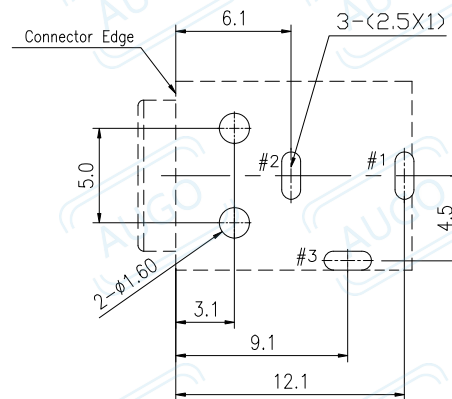


SECTION B-B

SCHEMATIC

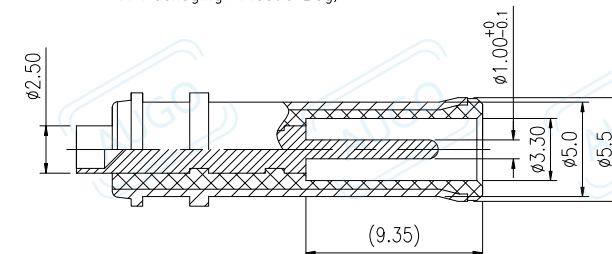


3D VIEW



Recommend of PC Board Holes

Tolerance : ±0.05(Top view)



DC-MATEING PLUG (REF)

料 号	塑胶材质	电 镀
DC-010D-033-120	PBT	镀锡
DC-010D-033-110	PA66	镀锡
DC-010D-030-180	PA9T	镀银

No.	PART NAME	QTY	MATERIAL(THICK)	PLATING(COLOR)
④	TERMINAL 1#	1	C2680R-EH T=0.45	SEE TABLE
③	TERMINAL 2#	1	C5210R-EH T=0.25	SEE TABLE
②	TERMINAL 3#	1	C2680R-EH T=0.45	SEE TABLE
①	HOUSING	1	SEE TABLE	Black

AUGO

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REV:	01
SIZE:	A4
SCALE: 1:1	UNIT: mm
SHEET: 1/1	

UNLESS OTHERWISE SPECIFIED,TOLERANCE:	
X.	±0.50
X.x	±0.30
X.xx	±0.20
ANGULAR	±2°

TITLE:

DC POWER JACK

PART NO:

DC-010D-03x-1x0

DESIGN	G.C.CHEN	DATE	2018/07/18
DRAWING	Y.C.ZHANG	DATE	2018/07/18
CHECK	D.J.WANG	DATE	2018/07/20
SCALE	1:1	PAGE	1 OF 1