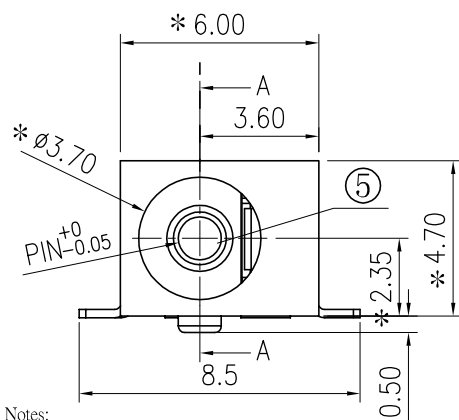
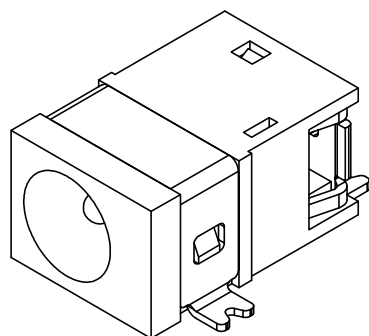


“*”：INDICATES THE KEY DIMENSIONS 【“*”為重點尺寸】

* REVISIONS

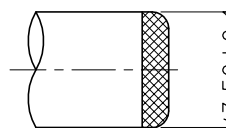
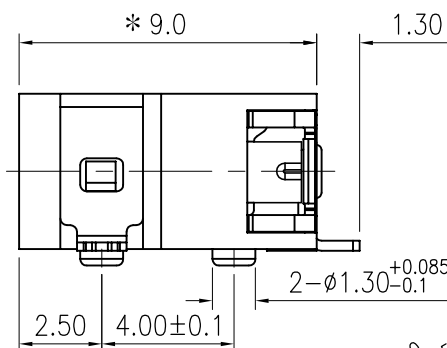
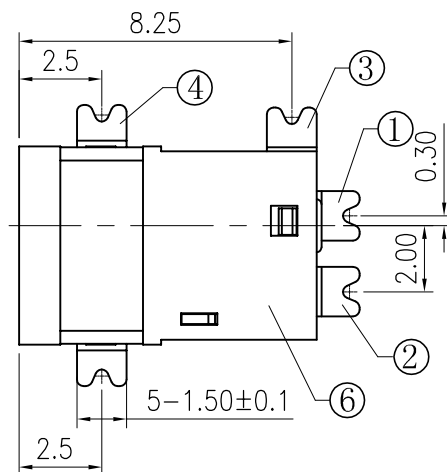
LTR	DESCRIPTION	DATE	REVISED	APPROVED
△	已实物修正尺寸, 符合实物	2014. 03. 26	LUJIAO	GAOWEI
△	因柱子下板会松动, 现修改PCB孔的尺寸以作配改善	2015. 05. 29	H. RP	GAOWEI
△	以实物修正材质/外观, 符合实物.	2017. 04. 28	LUJIAO	H. RP
A4	各零件模具老化无法修复, 现重新开模承认导入生产	2017. 10. 06	H. RP	GAOWEI



- Notes:
- Electrical Characteristics:
 - Rating : DC 20 V 3 A ;
 - Contact Resistance: 50mΩ Max.(Initial),
Between plug and contact 100mΩ Max;
(Final) After Life test: ≤60mΩ ;
 - Dielectric Withstanding Voltage: 500V AC for One Minute ;
 - Insulation Resistance: 100MΩ Min. Measured By 500 VDC;

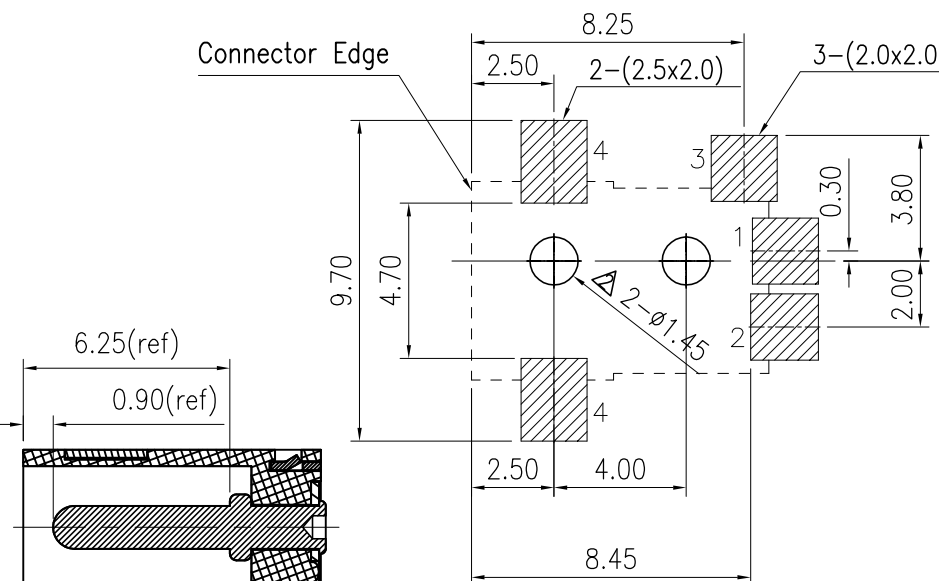
- Mechanical Characteristics:
 - Plug Insertion Force 0.3~3.0Kgf (initial),
0.3~3.0Kgf (Final) life test;
 - Plug Extraction Force: 0.3~3.0Kgf (initial),
0.3~3.0Kgf (Final) life test;

- Durability Test: 5,000 Cycles min;
- Operating temperature:-25°C ~ +70°C;
- Soldering Heat Resistance IR Reflow Soldering 260°C;
- Plug Interface Dimensions Conform To EIAJ RC-5321 Spec;
- Packaging: Tape Reel;
- Product: Accord With REACH;



DC MATE PLUG(REF)

CAT. NO.	PIN	SCHEMATIC
2DC-K020-06MA	φ1.0	
2DC-K020-06MB	φ1.3	



Recommend of PC Board Holes

Tolerance : ±0.05(Top view)

SECTION A-A

LEAD FREE

6	HOUSING	1	PA9T	UL-94VO(BLACK)
5	CENTER PIN	1	COPPER ALLOY	NI50u" PLATED
4	TERMINAL	1	C2680 t=0.25	MB:NI50u" Ag8u" PLATED
3	CURVE PIECE	1	C2680 t=0.25	MB:NI50u" Ag8u" PLATED
2	SPRING FOOT	1	SUS301 t=0.30	MB:NI50u" Ag8u" PLATED
1	CONTACT FOOT	1	C2680 t=0.25	MB:NI50u" Ag8u" PLATED

LTR	PART NAME	QTY	MATERIAL	REMARK
-TOLERANCES- UNLESS OTHERWISE SPECIFIED 公差				
X.X	±0.30	X"	±3"	
X.XX	±0.25	X.X"	±1"	
X.XXX	±0.20			

Singatron Enterprise Co., Ltd.				
TITLE	DC POWER JACK			
DWN	ANJOU 2009.04.20	PART NO. 2DC-K020-06M		
CHKD	ANJOU 2009.04.20	SCALE 1:1	UNIT: mm	
APVD	GIEVEN 2009.04.20	SIZE: A3	SHEET:1 OF 1	REV: A4
CUSTOMER COPY				