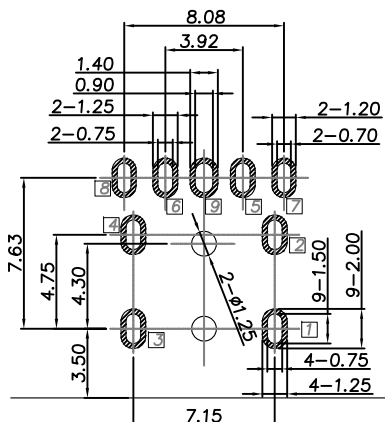
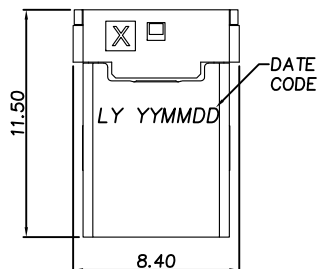
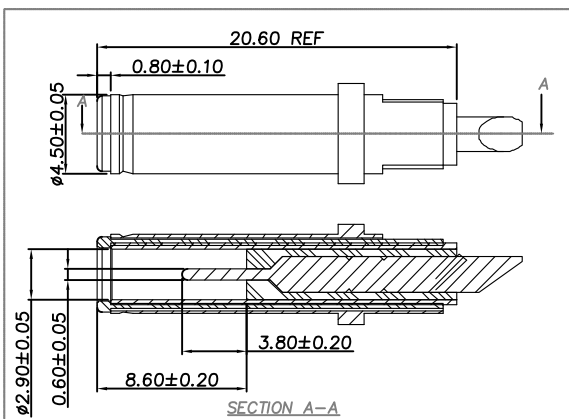
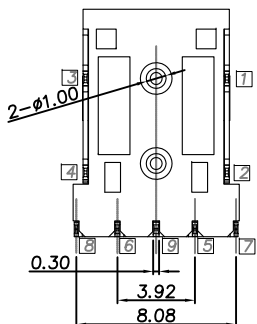
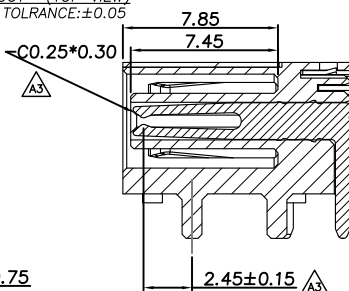
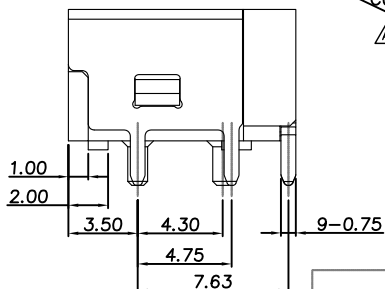
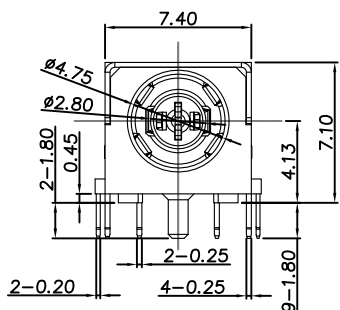
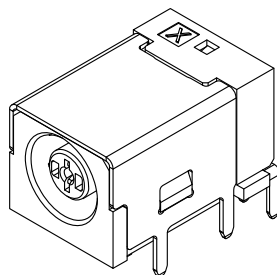


正式图 参考图



RECOMMENDED P.C.B LAYOUT (TOP VIEW)  
PCB THICKNESS:1.60mm, TOLRANCE:±0.05



Mark	ECN NO.	DESCRIPTION	DESIGN	Date:
—	—	NEW VERSION	Carlyle Xu	2017.04.20
△2	EN20170616002	Modify the part structure	David Zhou	2017.06.16
△3	EN20170705002	Modify the part structure	David Zhou	2017.07.05
△4	EN20170921001	Modify the part structure	David Zhou	2017.09.21

SPECIFICATION:

- 1.ELECTRICAL CHARACTERISTICS  
 1-1.CONNECTOR RATED CURRENT:7A& 30°C Max. ΔT OVER AMBIENT.  
 RATED VOLTAGE:30V DC.  
 1-2:INSULATION RESISTANCE:100 MOHMS Min. AT 100V DC AFTER 1 MINUTE  
 1-3:DIELECTRIC WITHSTANDING VOLATAGE:150V AC FOR 1 MINUTE:  
 1-4.CONTACT RESISTANCE:30 mOHMS Max.  
 2.MECHANICAL CHARACTERISTICS:  
 2-1.MATING FORCE:3KG/F Max.  
 2-2.UNMATING FORCE:0.3-3 KG/F  
 2-3.DURABILITY(MATING/UNMATING CYCLES):5000(unmating force 0.7-2kgf)  
 3.OPERATING TEMPERATURE RANGE:-40°C - 85°C  
 4.HUMIDITY:85%RH Max.  
 5.RECOMMEND PROCESS:IR REFLOW PEAK TEMPERATURE 230-250°C,20-40s  
 or WAVE SOLDER PEAK TEMPERATURE 265°C,3-5s.

NO	Center Pin Dim Code	CENTER PIN DIA. φA	SCHEMATIC
4			○ 5 6 V+
3			○ 7 8 V-
2			○ 9 ID
1	0060	Ø0.60±0.05	○ 1 2 V-

TABLE A: Model of Center Pin

NO.	CODE	MATERIAL	REMARK
2	L4	PA10T UL94V-0	RoHS2+HF (IR Reflow)
1	L3	PA10T UL94V-0	RoHS2(IR Reflow)

TABLE B : Plastical Material

P/N: DC4311W-XXXX-XXXX0XX

Model P/N: \_\_\_\_\_ Packing:  R:Tape reel  B:TRAY  
 Plastical Material: \_\_\_\_\_ Remark: 00:Gold plating G/F(LY+DC)  
 (Choose From Table B) 01:Gold plating 50u"(LY+DC)  
 Housing Color: \_\_\_\_\_ Center Pin Dim Code: \_\_\_\_\_  
 01:Black (Choose From Table A)

⑤	Housing	1	PA10T	Black,UL 94V-0
④	SHELL 1 2 3 4	1	SUS,t0.25	Nickel 50u" Plating All Over;
③	Contact 3 9	1	Phosphor Bronze,t0.30	Gold FLASHPlating At Contact Area; Matte-TIN 100-120u" Plating At Solder Tail Area;
②	Contact 2 7 8	1	Phosphor Bronze,t0.20	Nickel 50u" Under Plating All Over
①	Contact 1 5 6	1	Phosphor Bronze,t0.25	
NO.	DESCRIPTION	QTY	MATERIAL	REMARK

Tolerance	MODEL NAME: DC POWER JACK	DRAWING: Carlyle Xu
X.X ±0.30	MODEL No:DC4311W-XXXX-XXXX0XX	CHECKED: David Zhou
X.XX ±0.20	SCALE:1:1	APPROVED:Jacky Lee
X.XXX ±0.10	REVISION A4	DATE: 2017.04.20
Angle ±3.0°	1/1	FILE: CD/LINGYANG
UNIT:mm	菱揚精密有限公司 Ling Yang Precision Co.,Ltd	DWG NO. DC4311W-A001