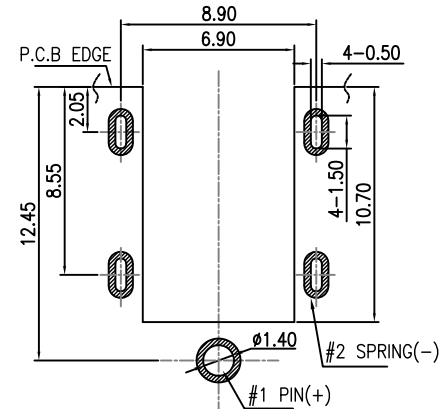
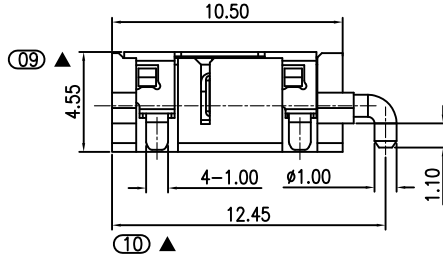
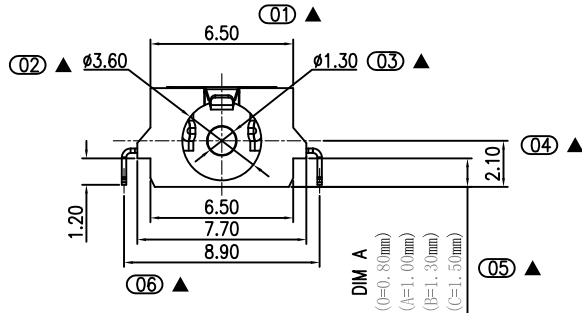


正式图 参考图

Mark	ECN NO.	DESCRIPTION	DESIGN	Date:
—	—	NEW VERSION	David Zhou	2018.02.12



RECOMMENDED PCB LAYOUT
TOP VIEW (TOLERANCE:±0.05)

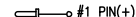
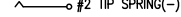
3				
2				
1	0130	$\phi 1.30_{-0.05}^{+0}$	SCHEMATIC	 #1 PIN(+)  #2 TIP SPRING(-)
NO.	Center Pin Dim Code	CENTER PIN DIA. ϕA		

TABLE A: Model of Center Pin

6	C1	LCP UL94V-0	RoHS2&H.F Fit(IR Reflow)
5	C0	LCP UL94V-0	RoHS2 Fit(IR Reflow)
4	L3	PA10T UL94V-0	RoHS2&H.F Fit(IR Reflow)
3	L2	PA10T UL94V-0	RoHS2 Fit(IR Reflow)
2	L1	PA9T UL94V-0	RoHS2&H.F Fit(IR Reflow)
1	L0	PA9T UL94V-0	RoHS2 Fit(IR Reflow)
NO.	CODE	MATERIAL	REMARK

TABLE B : Plastical Material

P/N: DCN0152-XXXX-XXXX0XX

Model P/N

Plastical Material
(Choose From Table B)

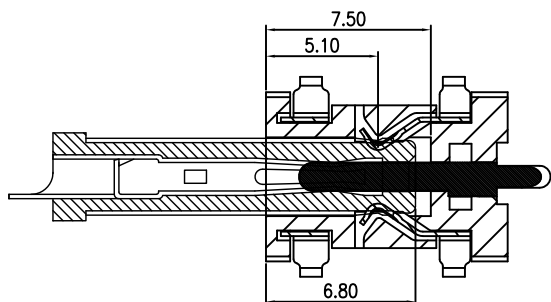
Housing Color
 0:Black

Packing
 R:Tape reel B:Tray
PIN length (DIM A)
0=0.80mm
A=1.00mm
B=1.30mm
C=1.50mm

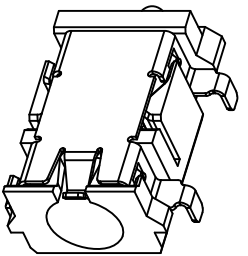
Remark
0:Gold Flash
Center Pin Dim Code
(Choose From Table A)

SPECIFICATION:

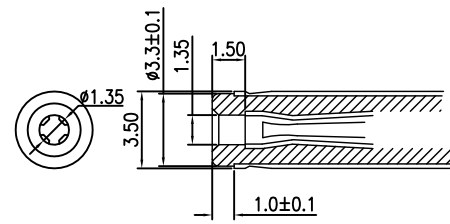
- Electrical characteristics
 - 1-1.Voltage rating: DC 24V.
 - 1-2.Current rating: 5A
 - 1-3.Contact resistance: 30mΩ Max.(Initial) After test: 50mΩ Max.
 - 1-4.Insulation resistance: 100MΩ Min(500V DC).
 - 1-5.Withstanding voltage: 500V AC.
- Mechanical characteristics
 - 2-1.Life test: 5000 cycles
 - 2-2.Mating force: 3-30N
Unmating force: 3-30N
- Salt Spray
- Wave Solder 265°C, 3-5 sec.
IR Reflow, Peak Temp 230-250°C, 20-90 sec.
- Sign "▲" is importance dimension.



DC JACK INSERT DEPTH




3D VIEW



MATE PLUG

○					
○	Housing		1	SEE P/N	BLACK,UL94 V-0
○	Spring	#2	1	PHOSPHOR BRONZE 0.2t	Gold Flash
○	Center PIN	#1	1	BRASS	Gold Flash
NO.	DESCRIPTION	FOOT	QTY	MATERIAL	REMARK

Tolerance X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 Angle ±3.0°	MODEL NAME: DC POWER JACK MODEL No:DCN0152-XXXX-XXXX0XX	DRAWING: David Zhou CHECKED: David Zhou
UNIT:mm	SCALE:1:1 REVISION A0 SHEET 1/1	APPROVED: IVAN DATE: 2018.02.26
 菱揚精密有限公司 Ling Yang Precision Co.,Ltd		FILE: CD/LINGYANG DWG NO. DCN0152-A001