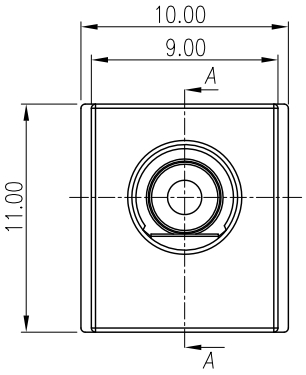
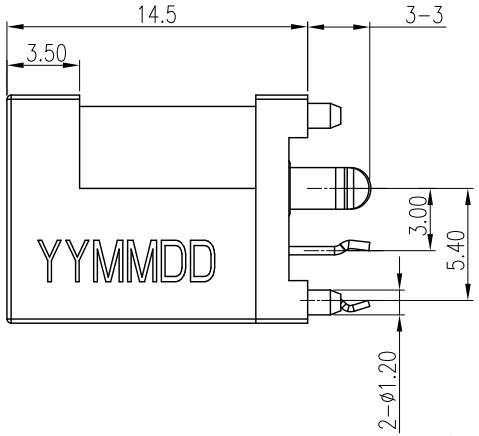
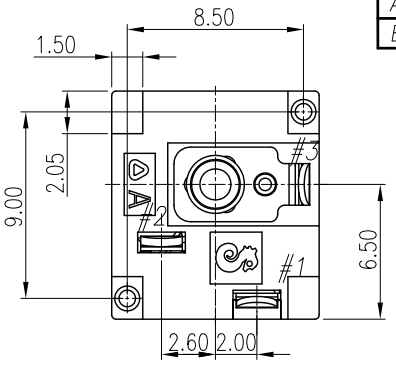
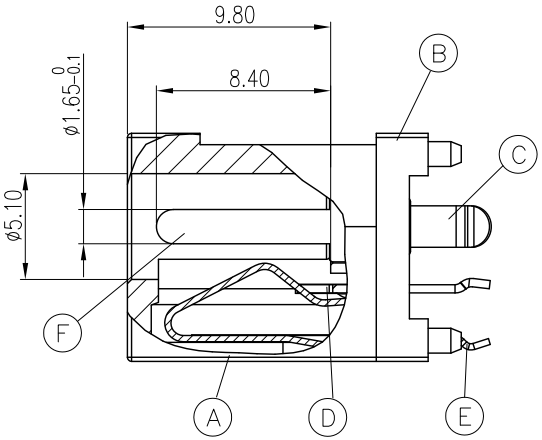
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T100706-1A	QIANG	2010.12.15
B	ECN NO:S110323	SPRING	2011.07.26

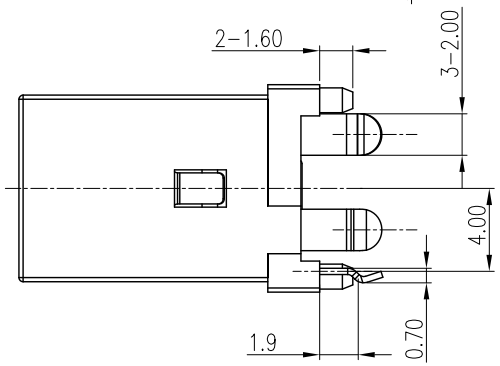






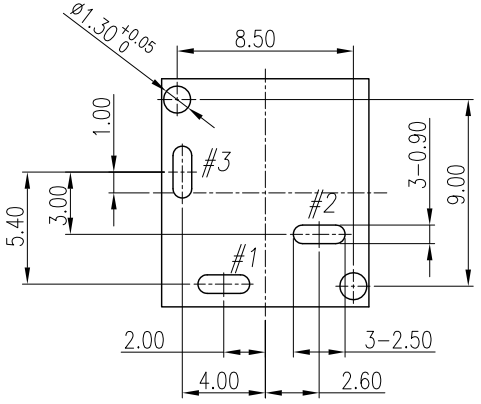


SECTION A-A



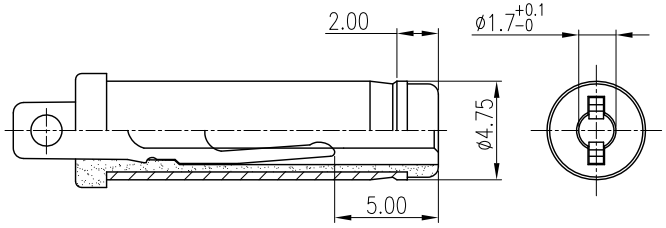
SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   1-1.RATING: 20V 7A
   1-2. CONTACT RESISTANCE: 30mΩ MAX.(INITIAL)
   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. INSERTION FORCE :3.0 Kgf Max.
   2-2. WITHDRAWAL FORCE : 0.3~3.0 Kgf
3. LIFE TEST: 5,000 CYCLES MIN.
4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANE FREE SPEC.
5. GREEN PRODUCT IDENTIFICATION MARK ON JACK: △
6. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
7. FOR WAVE SOLDERING LEAD-FREE PROCESS.
8. PRINTED DATE CODE" YYMMDD " ON TOP OF CONNECTOR.
   - DD: DAY
   - MM: MONTH
   - YY: YEAR

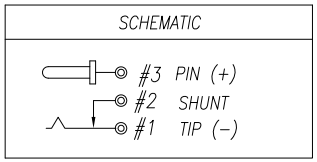


RECOMMEND P.C.B LAYOUT

TOP VIEW(TOLERANCES:±0.05) T=1.6mm



MATING PLUG ø4.75



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	PIN	1	BRASS	Ni 60u"
E	TIP	1	COPPER ALLOY; 0.30T	GOLD FLASH ON CONTACT AREA; Sn 120u" ON SOLDER TAIL; ALL OVER Ni 50u"
D	SHUNT	1	BRASS; 0.40T	
C	TERMINAL	1	BRASS; 0.30T	Ag 20u" OVER Ni 20u"
B	COVER	1	THERMOPLASTIC TEMP. UL 94V-0	BLACK
A	BODY	1	THERMOPLASTIC TEMP. UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5 X.X :±0.3 X.XX :±0.2

ANGLES: X :±2° X.X :±1°

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	DC JACK			
DWN	SPRING 2011.07.26	PART NO.2DC3012-001111		
CHKD	TOM	SCALE:4:1	UNIT: mm	
APVD	TONY	SIZE: A3	SHEET:1 OF 1	REV:B

CUSTOMER COPY

文件編號 RD-06-044-A