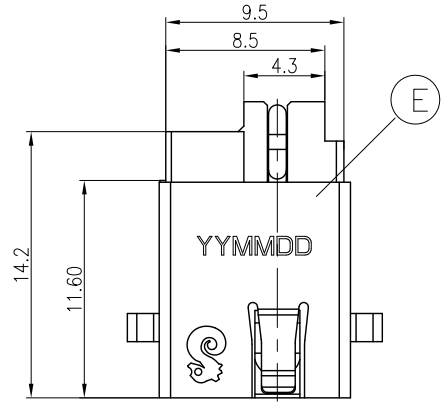
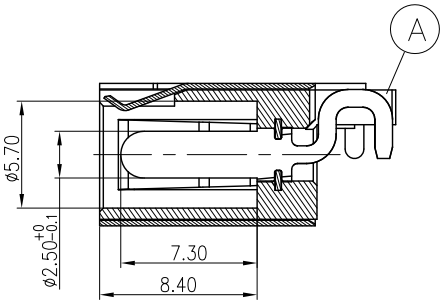
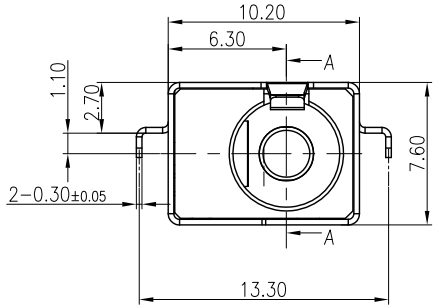
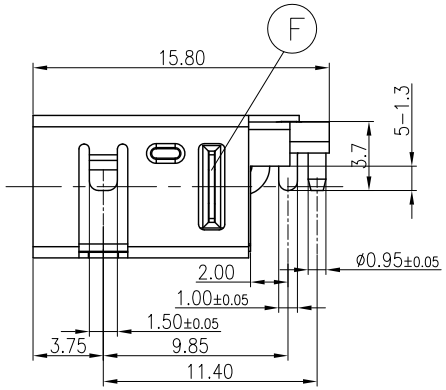
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T120712-2A	Eileen	2012.11.27

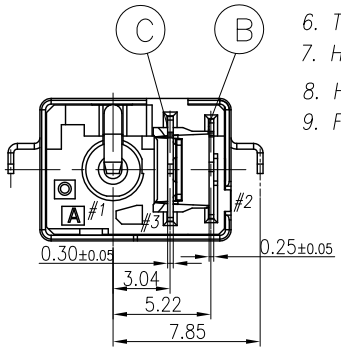


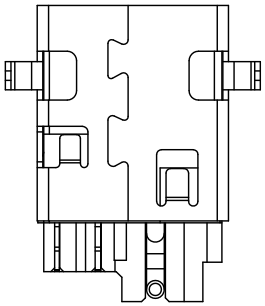


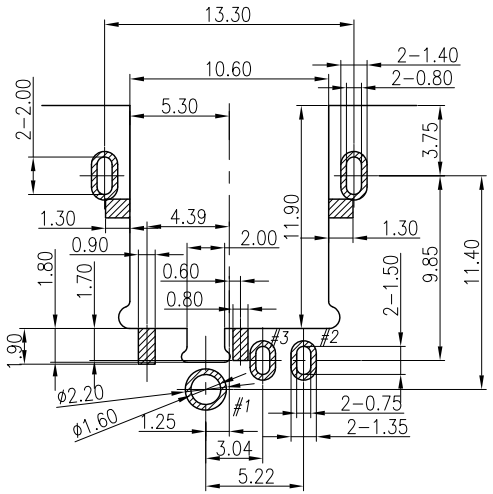
SECTION A-A





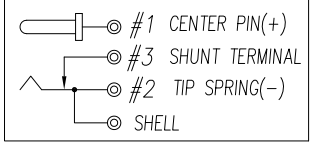






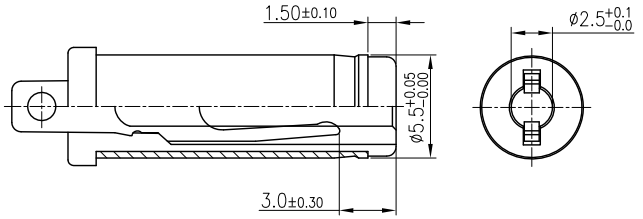
RECOMMEND P.C.B LAYOUT
TOP VIEW (TOLERANCES:±0.05)

SCHEMATIC



SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. RATING: DC 20V , 5A
   - 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 KG Max.
   - 2-2. WITHDRAWAL FORCE : 0.3~3.0 KG
3. LIFE TEST: 5,000 CYCLES MIN.
4. TEMPERATURE RISE CAN'T EXCEED 30 °C
5. OTHER GENERAL SPEC. TO REFER "2DC3061 SERIES SPEC".
6. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
7. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT: ◎
8. HALOGEN FREE PRODUCT INDENTIFICATION LOGO ON THE PACKAGING:
9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.



MATING PLUG ø5.50

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	TERMINAL	1	STAINLESS STEEL 0.30T	N/A
E	SHELL	1	COPPER ALLOY 0.30T	Ni 60u"
D	PIN	1	BRASS	GOLD FALSH OVER Ni 50u"
C	SHUNT TERMINAL	1	BRASS STRIP 0.3T	GOLD FALSH ON CONTACT AREA; 120u" Sn ON SOLDER TAIL; ALL OVER Ni 50u" MIN.
B	TIP SPRING	1	COPPER ALLOY 0.25T	
A	BODY	1	HIGH TEMP. THERMOPLASTIC	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	Eileen	PART NO.2DC3061-035111F	
CHKD	Sky	SCALE: 4:1	UNIT: mm
APVD	Lussen	SIZE: A3	SHEET: 1OF1 REV:A

CUSTOMER COPY

文件編號 RD-06-043-A