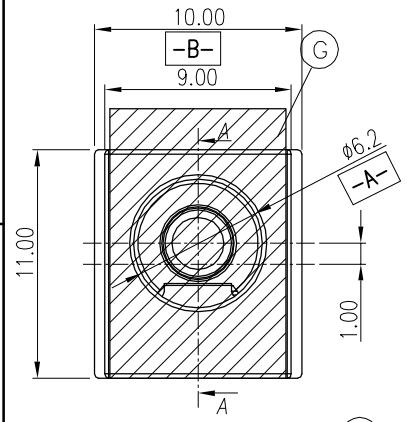
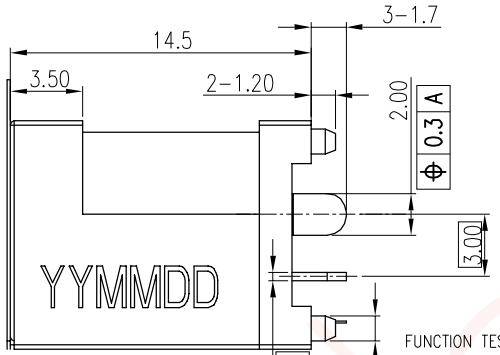
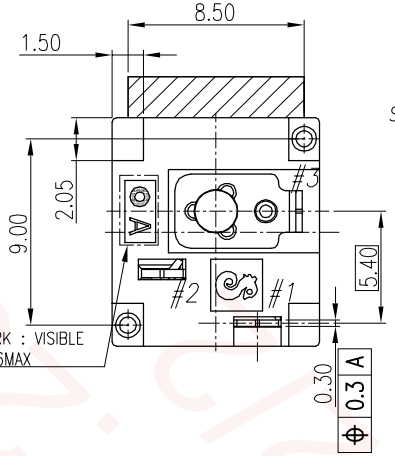
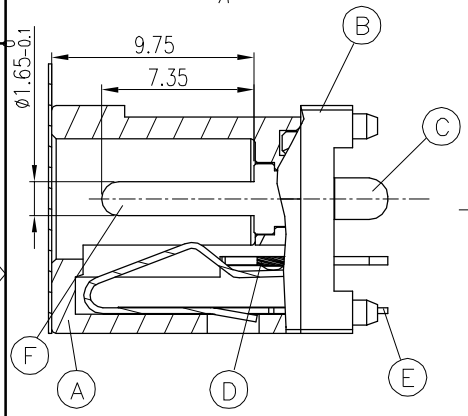
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR No.: T150331-2A	Summer	2015.07.06

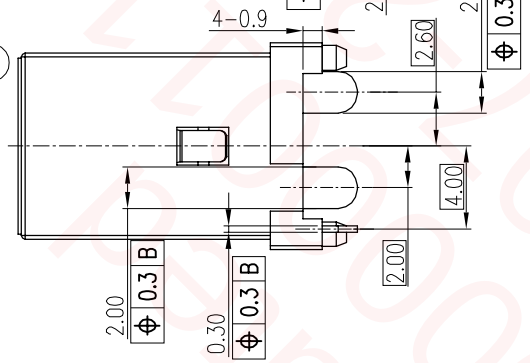






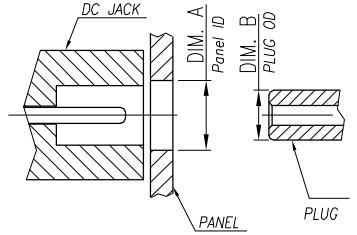
FUNCTION TEST MARK : VISIBLE
ø0.4MAX,DEEPTH 0.6MAX



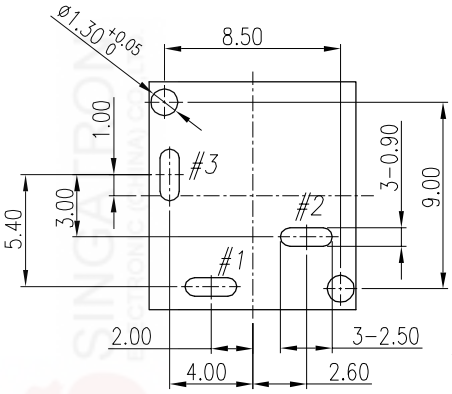


SPECIFICATIONS:

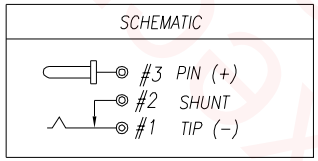
1. ELECTRICAL CHARACTERISTICS:
   - 1-1.RATING: 20V 7A
   - 1-2. CONTACT RESISTANCE: 30m MAX.(INITIAL)
   - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
   - 1-4. INSULATION RESISTANCE: 100M MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   - 2-1. INSERTION FORCE :3.0 Kgf Max.
   - 2-2. WITHDRAWAL FORCE : 0.3~3.0 Kgf
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2DC3012-00X11X SPEC".
5. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGEING:
7. FOR WAVE SOLDERING LEAD-FREE PROCESS.
8. PRINTED DATE CODE " YYMMDD " ON TOP OF CONNECTOR.
   - DD: DAY
   - MM: MONTH
   - YY: YEAR
9. THE PANEL'S ID MUST BE GREATER THAN THE PLUG'S OD WHICH MUST HAVE A DIFFERENCE OF LESS THAN OR EQUAL TO 0.5 mm.(AS SHOWN IN FIGURE 1.)

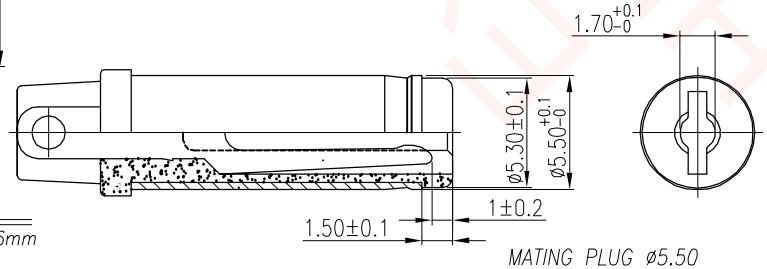


DIM. A-DIM.B < 0.5
FIGURE 1



RECOMMEND P.C.B LAYOUT
TOP VIEW(TOLERANCES:±0.05) T=1.6mm





MATING PLUG ø5.50

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	MYLAR	1	T0.15	BROWN YELLOW
F	PIN	1	BRASS	Ni 60u"Min.
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"Min.
B	COVER	1	HIGH TEMP.THERMOPLASTIC UL94V-0	BLACK
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL94V-0	BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.30, X.XX :±0.20
ANGLES: X :±2°, X.X :±1°

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

TITLE	DC JACK			
DWN	Summer	PART NO:2DC3012-005111F		
CHKD	Sky	SCALE:4:1	UNIT: mm	
APVD	Lussen	SIZE: A3	SHEET:1 OF 1	REV:A

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文件編號 RD-06-043-A