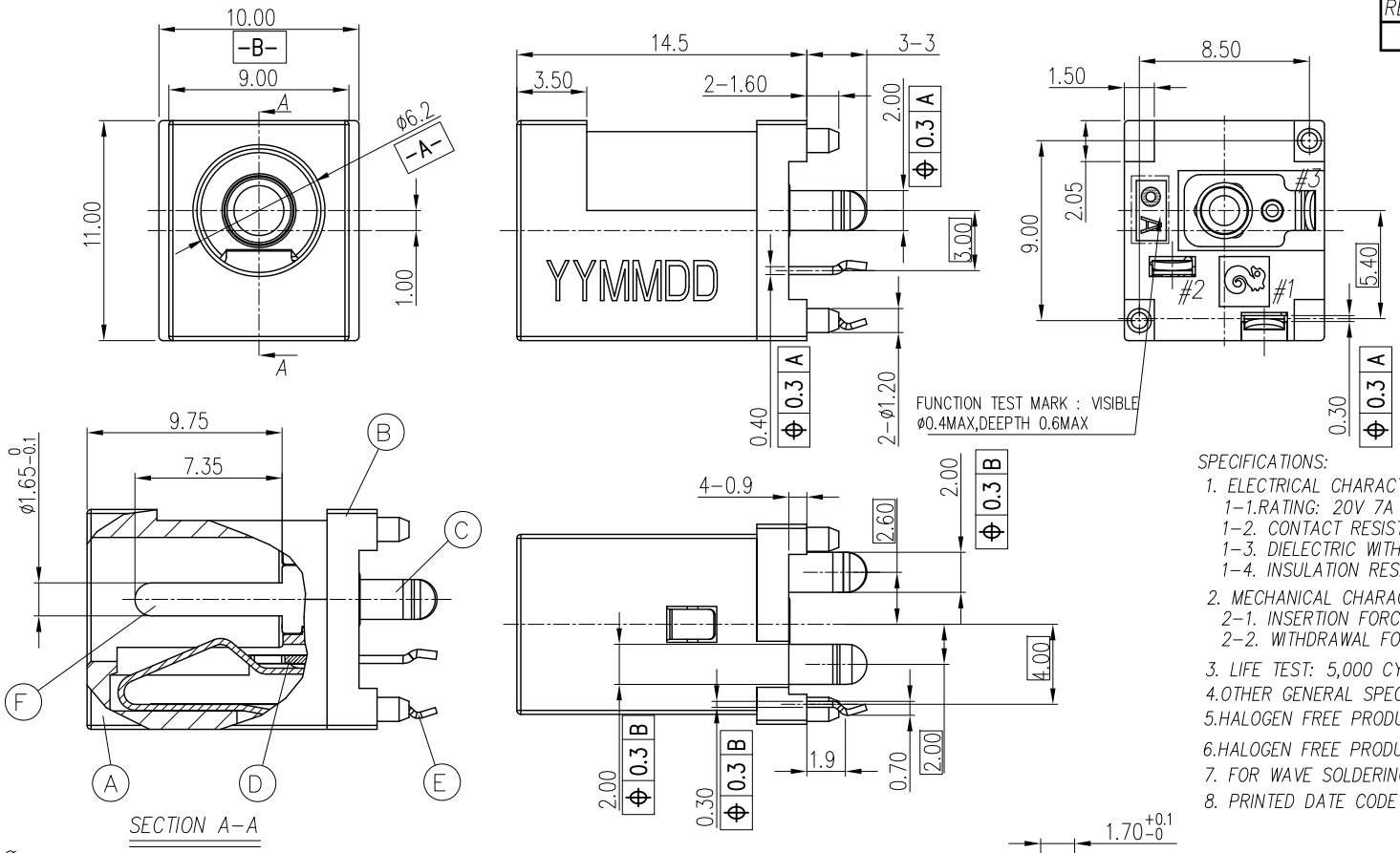
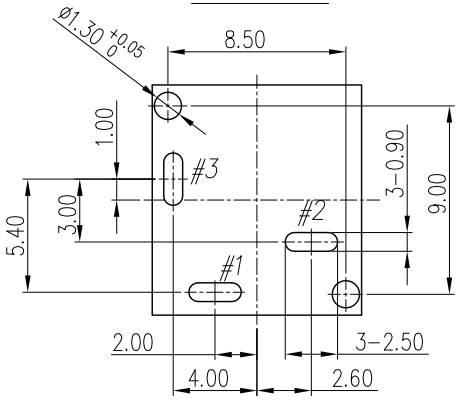
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T120824-8A	Ron	2012.10.12



SECTION A-A

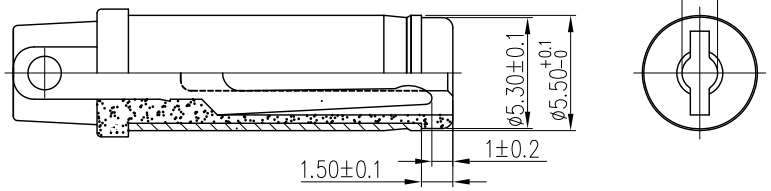
SPECIFICATIONS:

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. 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



RECOMMEND P.C.B LAYOUT

TOP VIEW(TOLERANCES: ±0.05) T=1.6mm



MATING PLUG ø5.50

SCHEMATIC

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
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	Ron	PART NO:2DC3012-004111F		
CHKD	Sky	SCALE: 4:1	UNIT: mm	
APVD	Lussen	SIZE: A3	SHEET: 1 OF 1	REV:A

CUSTOMER COPY

文件編號:RD-06-043-A