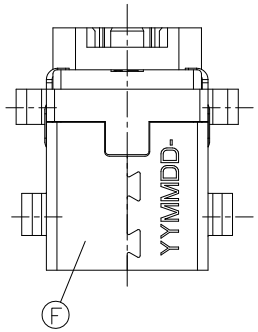
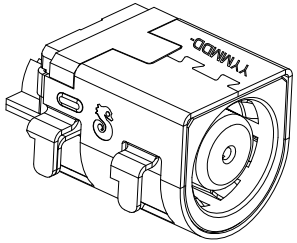
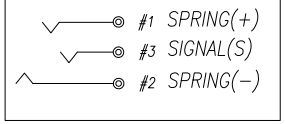
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T110719-2B	YANG	2012.03.13





SCHEMATIC



SPECIFICATIONS:

1.ELECTRICAL CHARACTERISTICS:
- 1-1.RATING:DC 20 V 10 A MAX.
- 1-2.CONTACT RESISTANCE: 30 mΩ MAX.(INITIAL)
- 1-3.DIELECTRIC WITHSTANDING VOLTAGE: 500 V AC FOR ONE MINUTE.
- 1-4.INSULATION RESISTANCE: 100 MΩ MIN. MEASURED BY 500 V DC.

2.MECHANICAL CHARACTERISTICS:
- 2-1.INSERTION FORCE: 3.0 Kg MAX.
- 2-2.WITHDRAWAL FORCE: 0.3 Kg~3.0 Kg

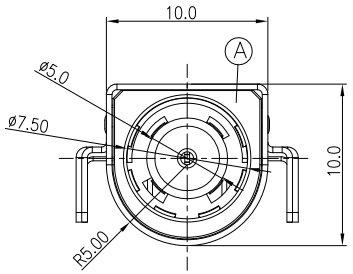
3.LIFE TEST:5000 CYCLES MIN.

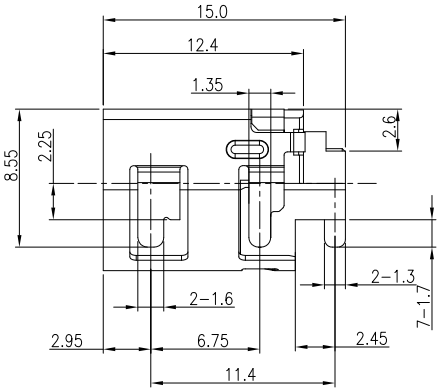
4.OTHER GENERAL SPEC. TO REFER "2DC-S060 SERIES SPEC".

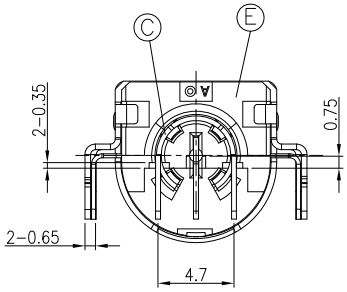
5.TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.

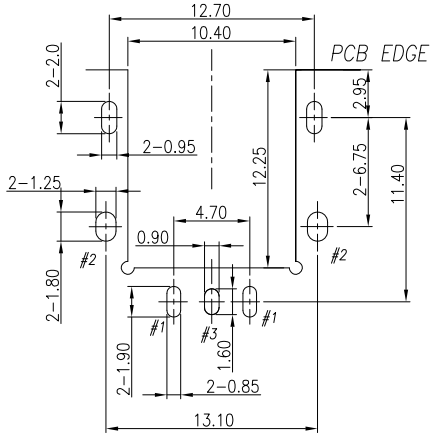
6.HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:

7.HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:



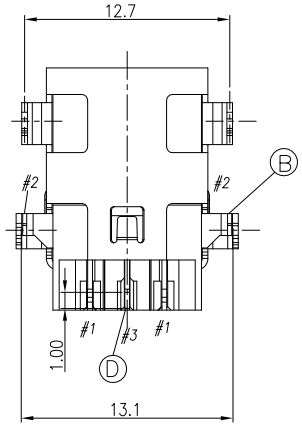


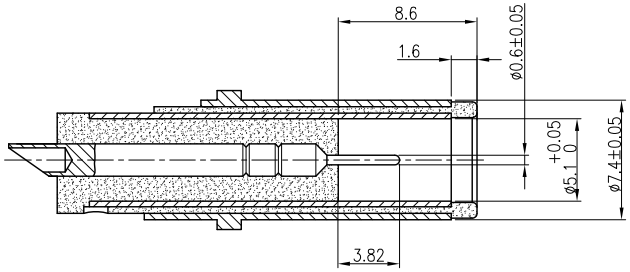




RECOMMEND PCB LAYOUT

TOP VIEW(TOLERANCES:±0.05)





MATING PLUG

TOLERANCE:±0.10

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	SHELL	1	COPPER ALLOY 0.35T	Ni 60u"
E	COVER	1	HIGH TEMP. THERMOPLASTIC ,UL94V-0	BLACK
D	SIGNAL	1	COPPER ALLOY 0.3T	GOLD FLASH ON CONTACT AREA
C	CONTACT	1	COPPER ALLOY 0.3T	MATTE Sn 120u"ON SOLDER TAIL
B	TIP SPRING	1	COPPER ALLOY 0.25T	ALL OVER Ni 50u"
A	BODY	1	HIGH TEMP. THERMOPLASTIC ,UL94V-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 POWER JACK		
DWN	Yang	PART NO. 2DC-S060-021F	
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