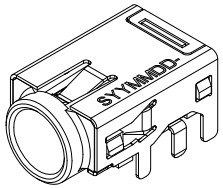
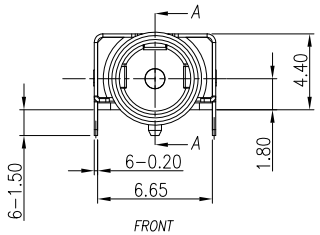
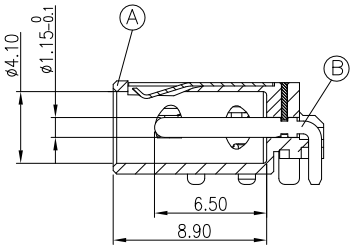
REV.	ECN NO OR DESCRIPTION	Requested	REVISED	DATE
A	PDR NO.T120625-5A	SINGATRON-Yang	Yang	2012.08.21

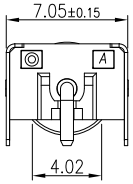




FRONT



SECTION A-A

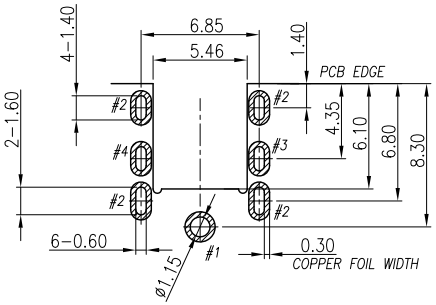


END

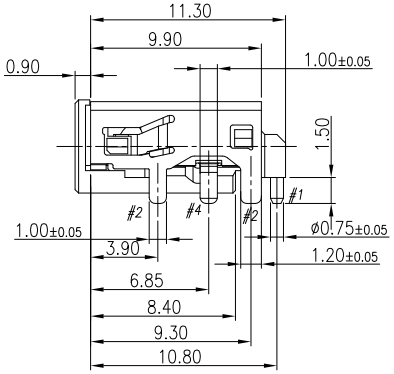
SPECIFICATIONS:

1. Electrical Spec:
   1-1. Rated Current: 5A
   1-2. Rated Voltage: 20V
   1-3. Insulation Resistance: 100MΩ MIN. After By 500 VDC for 1 minute
   1-4. Dielectric Withstanding Voltage: 500V AC for 1 minute.
   1-5. Contact Resistance: 30mΩ Max.
2. Mechanical Spec:
   2-1. Insertion Force: 1.0~2.5 kg.(Initial) 0.8~2.3 kg.(After Life Test)
   2-2. Withdrawal Force : 0.8~2.0kg.(Initial) 0.6~2.0kg(After Life Test)
3. Weight: 575 m Gram.
4. Life Test(Insertion/Withdrawal): 5,000 Cycles Min.
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
8. For Reflow Soldering Lead-Free Process.
9. Printed Date Code"SYYMMDD" on top of connector.

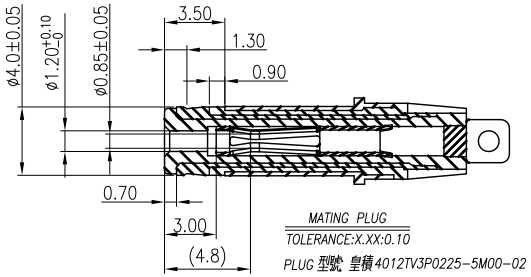
10. Temperature Rise Can't Exceed 30°C.



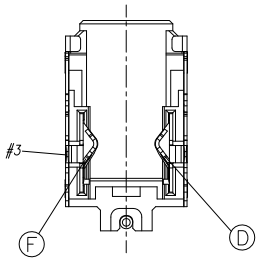
RECOMMEND P.C.B LAYOUT
(TOLERANCES:±0.05)



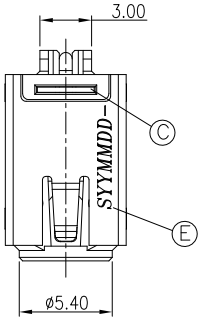
SIDE



MATING PLUG
TOLERANCE:X.XX:0.10
PLUG 型號 皇積4012TV3P0225-5M00-02

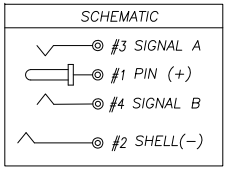


BOTTOM



TOP

SCHEMATIC



ITEM	DESCRIPTION	QTY	MATERIAL/THICK(mm)	FINISH
F	SIGNAL A	1	YCUT-FX 0.20T	Ni 60u"
E	SHELL	1	C5210 0.20T	Ni 60u"
D	SIGNAL B	1	YCUT-FX 0.20T	Ni 60u"
C	TERMINAL	1	SUS304 0.30T	N/A
B	PIN	1	HBI59	GOLD FLASH OVER Ni 50u"
A	BODY	1	PA6T +30%GF 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 POWER JACK			
DWN	Yang	PART NO. 2DC3064-003111F		
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