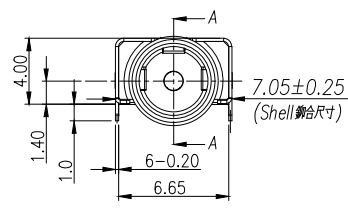
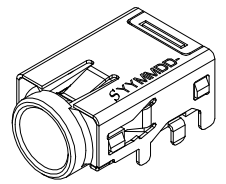


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T120913-5A	MARS	2012.11.23
B	ECN NO:S131165	SEAN	2014.07.02

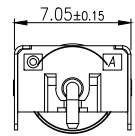
SPECIFICATIONS:

- Electrical Spec:
  - Rated Current: 5A
  - Rated Voltage: 20V
  - Insulation Resistance: 100MΩ MIN. After By 500 VDC for 1 minute
  - Dielectric Withstanding Voltage: 500V AC for 1 minute.
  - Contact Resistance: 30mΩ Max.
- Mechanical Spec:
  - Insertion Force: 1.0~2.5 kg.(Initial) 0.8~2.3 kg.(After Life Test)
  - Withdrawal Force : 0.8~2.0kg.(Initial) 0.6~2.0kg.(After Life Test)
- Temperature Rise Can't Exceed 30°
- Weight: 570m Gram.
- Life Test(Insertion/Withdrawal): 5,000 Cycles Min.
- To Conform To SINGATRON Hazardous Substance Free Spec.
- Halogen Free Product Identification Mark On Jack: (Symbol)
- Halogen Free Product Identification Label On Packaging (Symbol)
- For Reflow Soldering Lead-Free Process.
- Printed Date Code "SYMMDD" on top of connector.
  - DD: DAY
  - MM: MONTH
  - YY: YEAR

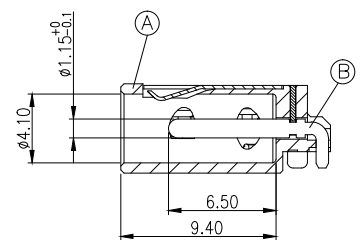
11. THE PANEL'S ID MUST BE GREATER THAN THE PLUG'S OD WHICH MUST HAVE A DIFFERENCE OF LESS THAN OR EQUAL TO 0.5 mm.(AS SHOWN IN FIGURE 1.)



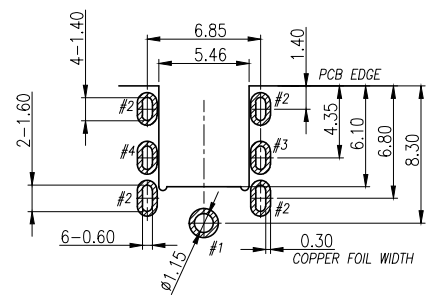
FRONT



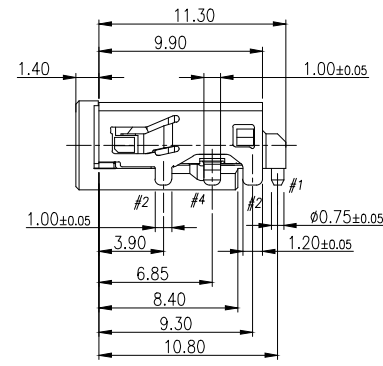
END



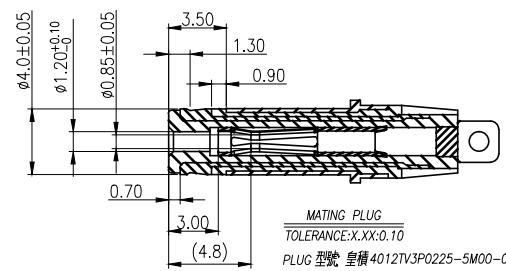
SECTION A-A



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



SIDE



MATING PLUG TOLERANCE: X.XX:0.10 PLUG 型号 皇横 4012TV3P0225-5M00-02

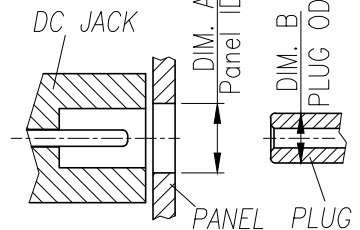
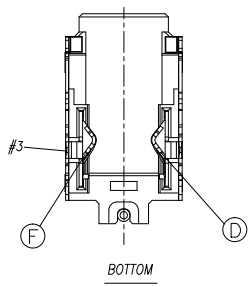
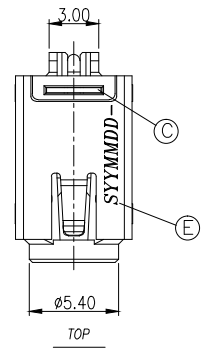


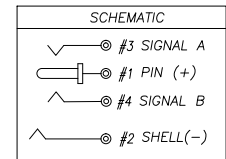
FIGURE 1



BOTTOM



TOP



SCHEMATIC

F	SIGNAL A	1	YCUT-FX 0.20T	GOLD FLASH OVER Ni 50u"
E	SHELL	1	C5210 0.20T	Au 1u" ON SOLDER TAIL OVER Ni 50u"
D	SIGNAL B	1	YCUT-FX 0.20T	GOLD FLASH OVER Ni 50u"
C	TERMINAL	1	SUS304 0.30T	N/A
B	PIN	1	HB159	GOLD FLASH OVER Ni 50u"
A	BODY	1	PA6T +30%GF UL 94V-0	BLACK

ITEM	DESCRIPTION	QTY	MATERIAL/THICK(mm)	FINISH
UNLESS OTHERWISE SPECIFIED TOLERANCES				
			SINGATRON ENTERPRISE CO., LTD. 信音企業股份有限公司	
DECIMALS:		ANGLES:		
X	:±0.5	X	:±2°	
X.X	:±0.3	X.X	:±1°	
X.XX	:±0.2			
TITLE		DC POWER JACK		
DWN	SEAN	PART NO. 2DC3064-005111F		
CHKD	GERRY	SCALE 4:1	UNIT: mm	
APVD	MAX	SIZE: A3	SHEET: 1 OF 1	REV: B

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