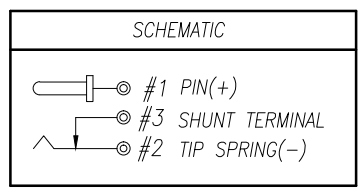
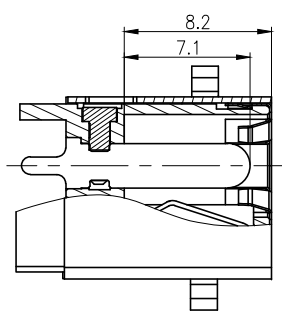
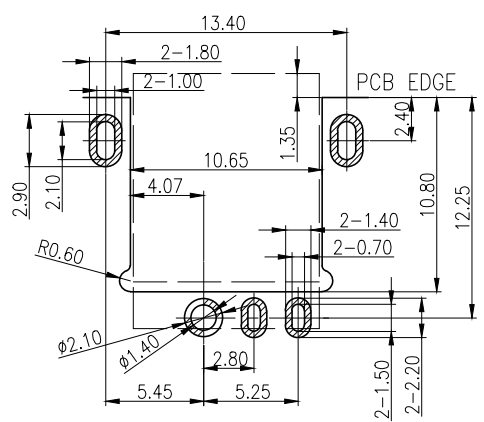
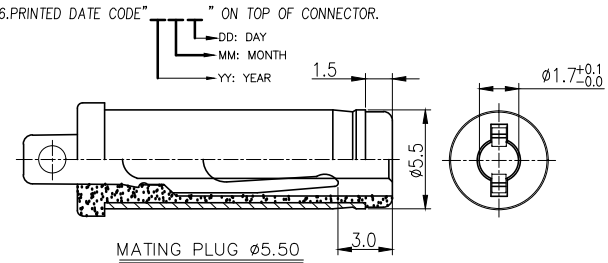
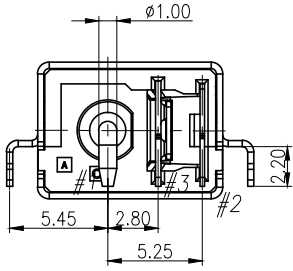
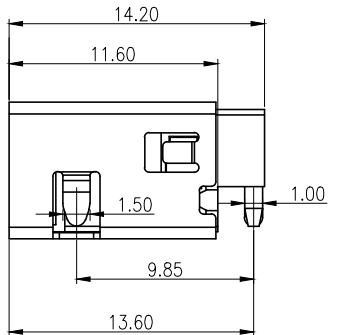
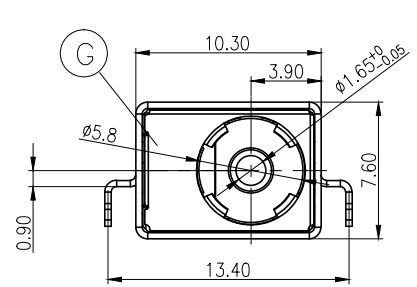
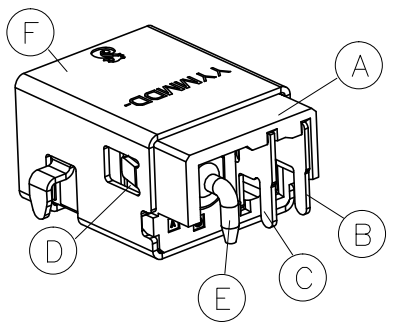
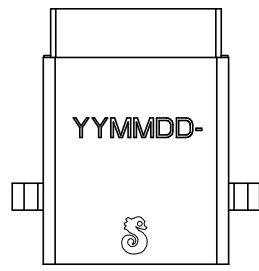


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO.T080903-1A	Sky	2009.01.17
B	ECN NO: S100811	ANDY	2010.08.11
C	ECN NO:S140844	Ken	2014.10.17

- SPECIFICATIONS:
- RATING: DC 20V 7A
  - INSERTION FORCE: 3.0KG MAX  
WITHDRAWAL FORCE: 0.3KG-3.0KG.
  - INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS.
  - JACK SHALL WITHSTAND 500 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
  - CONTACT RESISTANCE SHALL NOT EXCEED 30m $\Omega$
  - JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 60m $\Omega$ .
  - MEASURING CONDITION:  
TEMPERATURE: FROM 5°C TO 35°C. RELATIVE HUMIDITY: FROM 40% TO 85%
  - ENVIRONMENTAL SPECIFICATIONS:  
8.1 HUMIDITY TEST: HUMIDITY 90% TO 95% TEMPERATURE 40°C  $\pm$  2°C FOR 96 HOURS.  
8.2 HEAT TEST: TEMPERATURE 70°C  $\pm$  2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.  
8.3 COLD TEST: TEMPERATURE -40°C  $\pm$  2°C FOR 96 HOURS.
  - SOLDERABILITY TEST: THE TERMINATION IS AT LEAST 95% COVERED BY A CONTINUOUS NEW SOLDER COATING.  
TEST CONDITION: DIP IN MOLTEN SOLDER FOR 5 Sec. AT 260 $\pm$ 5°C (TERMINATION SHALL BE IMMERSED IN FLUX BEFORE TEST)
  - PACKAGING: TAPE & REEL.
  - SOLDERING CONDITION: WAVE SOLDERING / IR REFLOW.
  - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
  - HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
  - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
  - FOR LEAD FREE PROCESS.
  - PRINTED DATE CODE " " ON TOP OF CONNECTOR.  
DD: DAY  
MM: MONTH  
YY: YEAR



RECOMMEND P.C.B LAYOUT  
TOP VIEW (TOLERANCES:  $\pm$ 0.05)

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	GROUNDING	1	STAINLESS 0.1T	N/A
F	SHIELDING	1	BRASS 0.35T	Ni 60u"
E	PIN	1	BRASS	GOLD FALSH OVER Ni 50u"
D	STOPPER	1	HIGH TEMP. THERMOPLASTIC	N/A
C	SHUNT TERMINAL	1	BRASS STRIP 0.3T	Ag20u " OVER Ni 20u"
B	TIP SPRING	1	COPPER ALLOY 0.3T	Ag20u " OVER Ni 20u"
A	BODY	1	HIGH TEMP. THERMOPLASTIC	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES		Singatron Enterprise Co., Ltd. 信音企業股份有限公司	
DECIMALS:	ANGLES:	TITLE	
X : $\pm$ 0.5	X : $\pm$ 2°	DWN	Ken
X.X : $\pm$ 0.3	X.X : $\pm$ 1°	CHKD	CERRY
X.XX : $\pm$ 0.2		APVD	LIAO
		DC JACK	
		PART NO.2DC3003-001211	
		SCALE	1:1
		UNIT	mm
		SIZE	A3
		SHEET	10F1
		REV	C
CUSTOMER COPY			