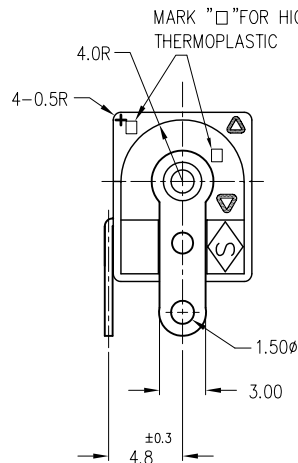
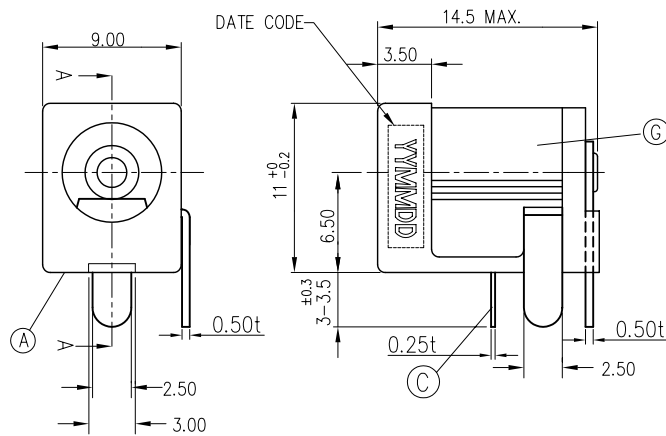


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
P0	PDR.T181217-6A	TED	2018.12.20

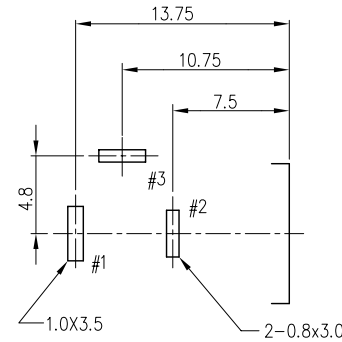
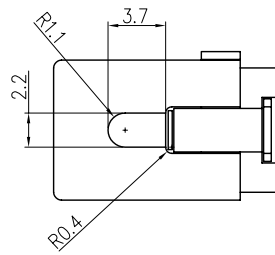
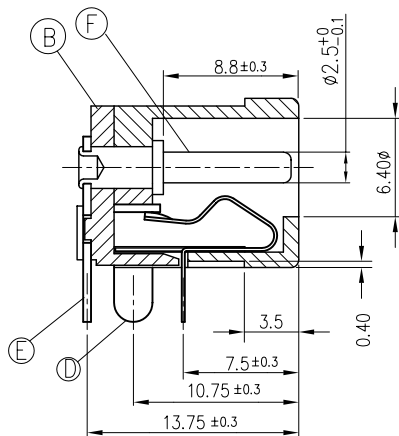


SPECIFICATIONS:

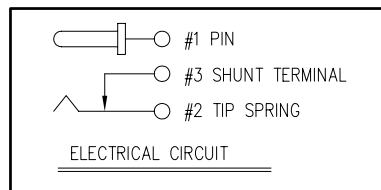
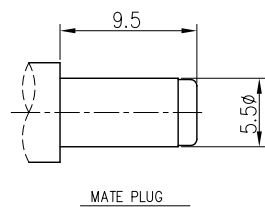
- RATING: DC 24V 5A
- INSERTION FORCE: 0.5KG-2.5KG
WITHDRAWAL FORCE: 0.5KG-3.0KG
- INSULATION RESISTANCE BETWEEN ANY ADJACENT TERMINALS SHALL NOT BE LESS THAN 100 MEGOHMS BY 500 VOLTS MEGGER.
- JACK SHALL WITHSTAND 250 VOLTS BETWEEN ANY ADJACENT TERMINAL FOR ONE MINUTE.
- CONTACT RESISTANCE SHALL NOT EXCEED 0.03 OHMS.
- JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION AND WITHDRAWAL WITH TESTING PLUG, AND CONTACT RESISTANCE SHALL NOT EXCEED 0.1 OHMS.
- 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 ± 2°C FOR 96 HOURS.
8.2 HEAT TEST: TEMPERATURE 70°C ± 2°C (HUMIDITY BELOW 50%) FOR 96 HOURS.
8.3 COLD TEST: TEMPERATURE -40°C ± 2°C FOR 96 HOURS.
- SOLDER HEAT RESISTANCE/TIME: WAVE SOLDERING OR IR REFLOW (PEAK TEMP.: 260°C 10SECS)
- TO CONFORM TO THE SINGATRON HSF SPECIFICATION.
- GREEN PRODUCT IDENTIFICATION MARK ON JACK:
- GREEN PRODUCT IDENTIFICATION LABEL ON PACKING: **G.P. PASS**
- FOR LEAD-FREE PROCESS.
- PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.

DATE CODE: YYMMDD

DD: DAY
MM: MONTH
YY: YEAR



RECOMMENDED PCB LAYOUT
(TOP VIEW)(TOL.: ±0.05)



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	PIN	1	BRASS	Ni60u"MIN,Cu80u"MIN
E	TERMINAL	1	COPPER ALLOY,0.5T	Ag20u"MIN,Ni20u"MIN
D	SHUNT TERMINAL	1	COPPER ALLOY,0.5T	Ag20u"MIN,Ni20u"MIN
C	TIP SPRING	1	COPPER ALLOY,0.25T	Ag20u"MIN,Ni20u"MIN
B	COVER	1	HI-THERMAL PLASTIC W/ 30%GF,UL94V-0	BLACK COLOR
A	BODY	1	HI-THERMAL PLASTIC W/ 30%GF,UL94V-0	BLACK COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES			Singatron Enterprise Co., Ltd. 信音企業股份有限公司	
DECIMALS:		ANGLES:	TITLE	
X : ±0.5		X : ±2°	DWN	DC POWER JACK
X.X : ±0.3		X.X : ±1°	CHKD	PART NO. 2DC-0005B201
X.XX : ±0.2			APVD	SCALE 3:1 UNIT: mm
				SIZE: A3 SHEET: 10F1
				REV:P0
CUSTOMER COPY				