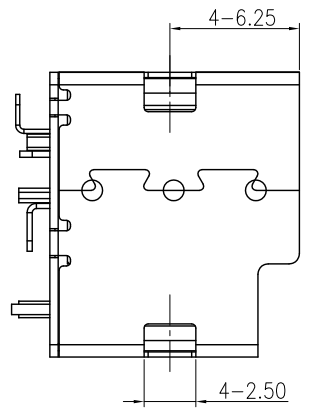
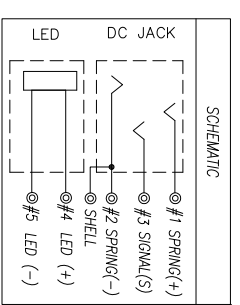
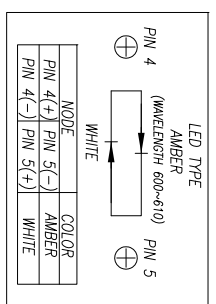
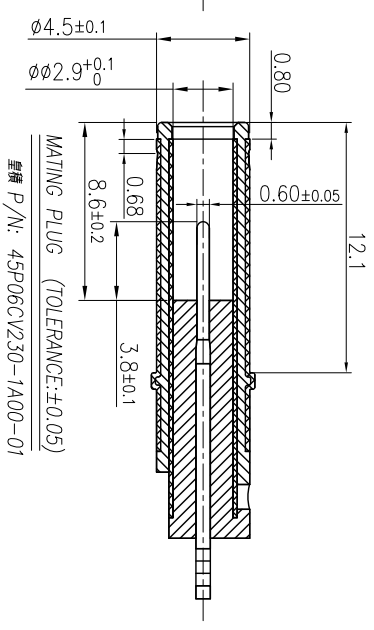
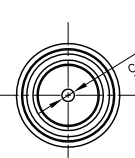
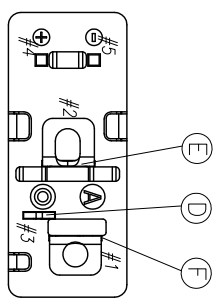
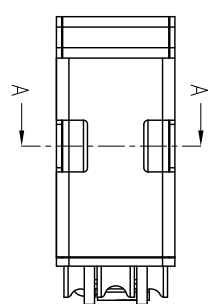
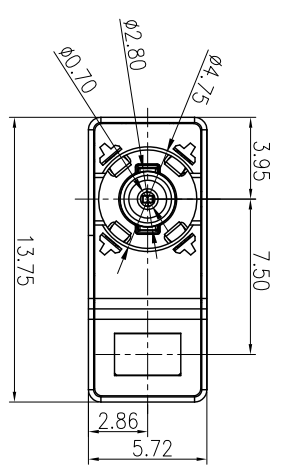
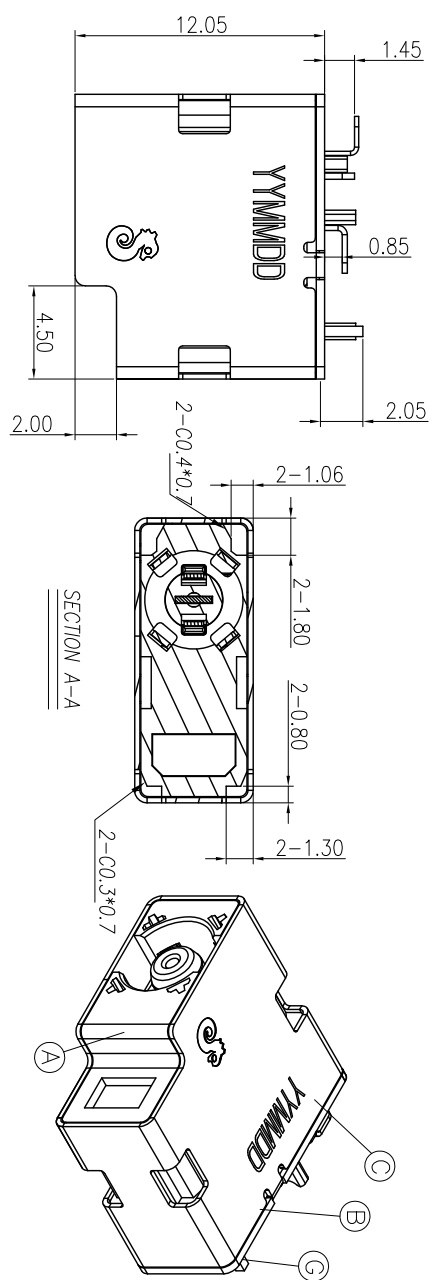


REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR No.:	T141230-6A	Summer	2015.03.11

**SPECIFICATIONS:**

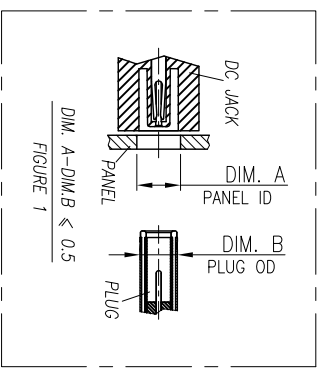
- 1. ELECTRICAL CHARACTERISTICS:**
- 1-1. RATING: 19V 7A
  - 1-2. CONTACT RESISTANCE: 30mΩ MAX.
  - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
  - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
- 2. MECHANICAL CHARACTERISTICS:**
- 2-1. INSERTION FORCE: 2.5 Kgf MAX.
  - 2-2. WITHDRAWAL FORCE: INITIAL 0.6~2.0 Kgf AFTER LIFE TEST: 0.5Kgf MIN
- 3. LIFE TEST: 5,000 CYCLES.
  - 4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - 5. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
  - 6. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
  - 7. FOR HAND SOLDERING LEAD-FREE PROCESS.
  - 8. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.  
(YY: YEAR MM: MONTH DD: DAY)
  - 9. 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.)



**LED Soldering Condition:**

Peak temperature	Dwell time
SOLDERING IRON 350 °C Max.	3 sec Max.

(ONE TIME ONLY)



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	BODY	1	THERMOPLASTIC UL 94V-0 (HALOGEN FREE)	BLACK
B	COVER	1	THERMOPLASTIC UL 94V-0 (HALOGEN FREE)	BLACK
C	SHELL	1	SUS 304-1/2H 0.25T	NI 50u Min.
D	SIGNAL	1	COPPER ALLOY 0.30T	
E	SPRING(-)	1	COPPER ALLOY 0.25T	
F	SPRING(+)	1	COPPER ALLOY 0.20T	
G	LED(发光二极管)	1	GdN/SiC	WHITE/AMBER(600~610) LIGHT

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X.XX :±0.5 X :±2°  
X.X :±0.3 X.X :±1°  
X.XX :±0.2

Singatron Enterprise Co., Ltd.  
信音企業股份有限公司

DC POWER JACK WITH LED

TITLE	DC POWER JACK WITH LED
DWN	Summer
CHKD	Sky
APVD	Lussen

PART NO. 2DC3080-004114F  
SCALE 4:1  
UNIT: mm  
SHEET: 1 OF 1  
REV: A

CUSTOMER COPY