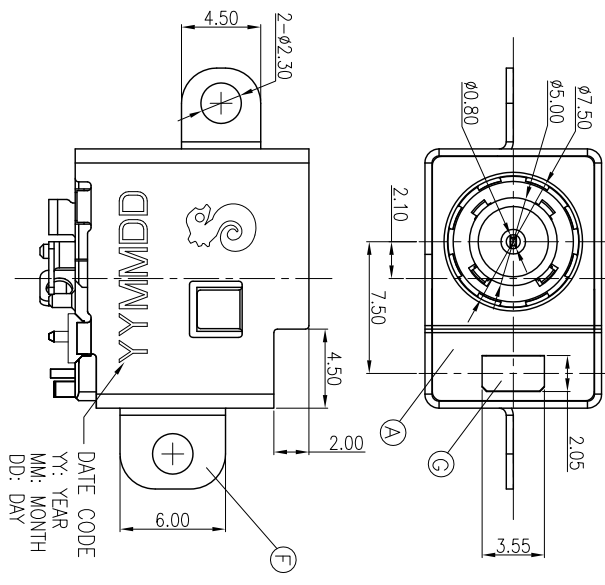


- SPECIFICATIONS:**
- ELECTRICAL CHARACTERISTICS:**
 - 1-1. RATING: DC 20V 10A
 - 1-2. CONTACT RESISTANCE: $30m\Omega$ MAX.(INITIAL)
 - 1-3. JACK SHALL WITHSTAND 500 V AC BETWEEN ANY ADJACENT TERMINAL(EXCEPT LED) FOR ONE MINUTE.
 - 1-4. INSULATION RESISTANCE: $100M\Omega$ MIN. MEASURED BY 500 VDC
 - MECHANICAL CHARACTERISTICS:**
 - 2-1. INSERTION FORCE : 2.5 KGF MAX.
 - 2-2. WITHDRAWAL FORCE : 0.8 KGF MIN. (INITIAL)
 - LIFE TEST:** 5,000 CYCLES MIN.
 - OTHER GENERAL SPEC. TO REFER "2DC3007 SERIES(WAVELENGTH:600~612) SPEC".**
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.**
 - HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK: ©**
 - HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: ©**
 - CAUTION: DEVICES ARE CLASS 1 ESD SENSITIVE. PLEASE OBSERVE APPROPRIATE PRECAUTIONS DURING HANDLING AND PROCESSING.**

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
C	ECN NO.S100606-2		Solder	2011.01.19
D	ECN NO.S110349		ANDY	2011.05.06
E	ECN NO.S130105		SEAN	2013.05.20



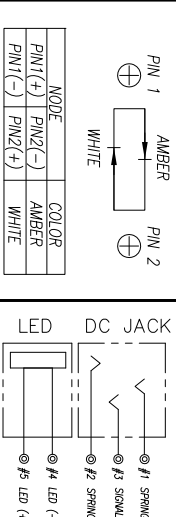
LED Soldering Condition:

Peak temperature 350 °C Max.

Dwell time 3 sec Max. (one time only)

Soldering Iron

SCHEMATIC



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	HOUSING	1	TERMOPLASTIC UL 94V-0 (HALOGEN FREE)	BLACK
B	COVER	1	TERMOPLASTIC UL 94V-0 (HALOGEN FREE)	BLACK
C	SPRING(+)	1	COPPER ALLOY 0.3T	ON CONTACT AREA AND MATE-IN 1200 °Min. ON SOLDER AREA
D	SPRING(-)	1	COPPER ALLOY 0.3T	ON CONTACT AREA AND MATE-IN 1200 °Min. ON SOLDER AREA
E	SIGNAL	1	COPPER ALLOY 0.3T	UV (500 °Min.) UNDERPLATED OVER ALL Pw/IN (250 °Min.) & GOLD-PLATED(50 °Min.)
F	SHELL	1	SPCC-SD 0.4T	UV 600 ° OVER CA 800 ° Min.
G	LED	1	GaN/SiC	WHITE/AMBER(600~612) LIGHT
H	BACK PLATE	1	TERMOPLASTIC UL 94V-0 (HALOGEN FREE)	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X : ±0.5 X : ±2°

X.X : ±0.3 X.X : ±1°

X.XX : ±0.2 X.XX : ±1°

TITLE	DC POWER JACK + LED
DWN	SEAN
CHKD	CERRY
APVD	MAX
PART NO. 2DC3007-207111	
SCALE: 4:1	
UNIT: mm	
SHEET: 1 OF 1	
REV: E	

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

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