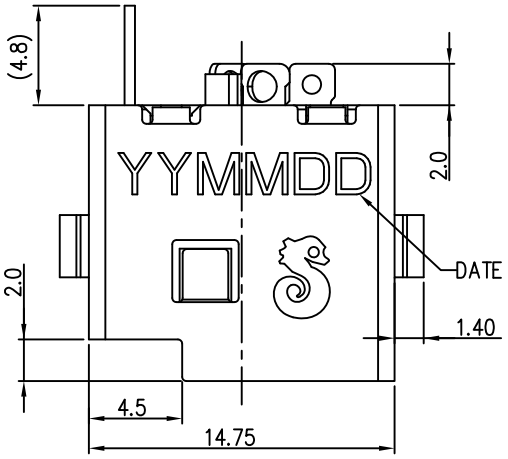
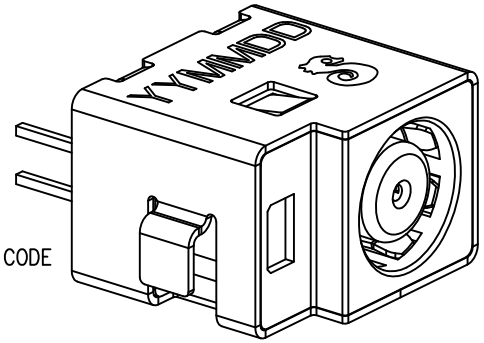
| REV. | ECN NO OR DESCRIPTION | REVISED | DATE |
|---|---|---|---|
| E | ECN NO.T090012 | Sky | 2009.03.09 |
| F | ECN NO.S090428 | Sky | 2009.04.27 |
| G | ECN NO.S090526 | Sky | 2009.06.03 |
| H | ECN NO.S141264 | Ken | 2015.01.04 |

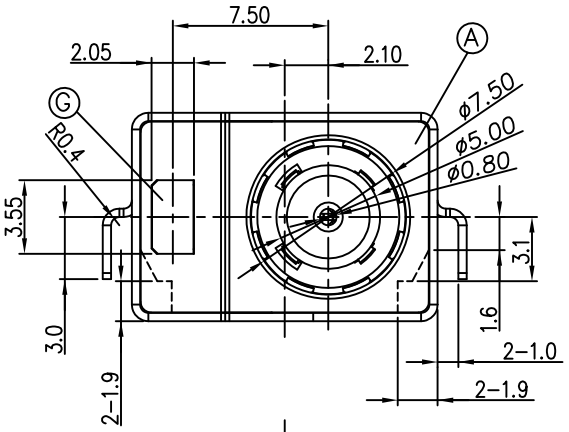


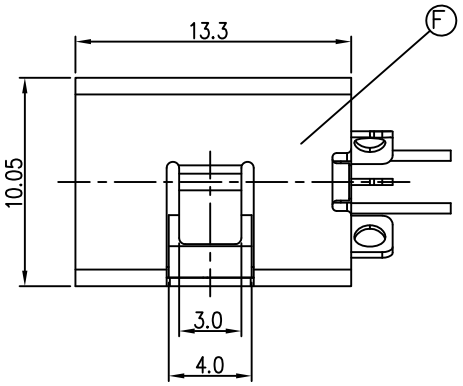



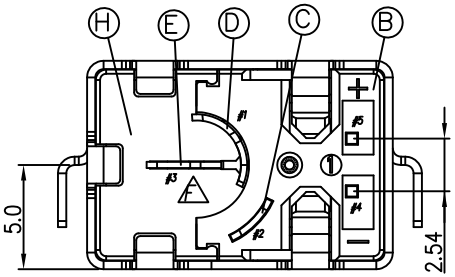

SPECIFICATIONS:

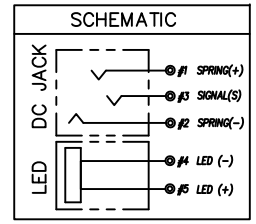
1. ELECTRICAL CHARACTERISTICS:
   1-1. RATING: 20VDC 10A
   1-2. CONTACT RESISTANCE: 20mΩ MAX.(INITIAL)
   1-3. JACK SHALL WITHSTAND 500 V AC BETWEEN ANY ADJACENT TERMINAL(EXCEPT LED) FOR ONE MINUTE.
   1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
   2-1. INSERTION FORCE : 2.5 KGF MAX.
   2-2. WITHDRAWAL FORCE : 0.8 KGF MIN. (INITIAL)
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2DC1007 SERIES SPEC".
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. GREEN PRODUCT IDENTIFICATION MARK ON JACK:
7. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
8. FOR HAND SOLDERING LEAD-FREE PROCESS.
9. CAUTION: DEVICES ARE CLASS 1 ESD SENSITIVE. PLEASE OBSERVE APPROPRIATE PRECAUTIONS DURING HANDLING AND PROCESSING.

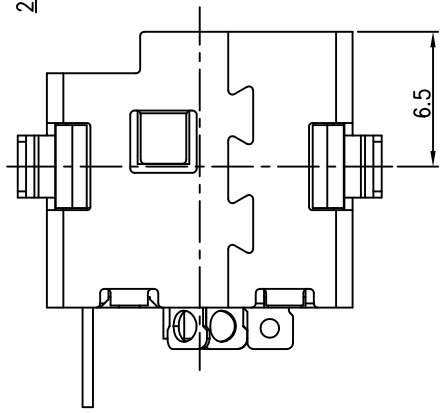
| LED Soldering Condition: | | |
|---|---|---|
| | Peak temperature | Dwell time |
| Soldering Iron | 350 °C Max. | 3 sec Max. (one time only) |

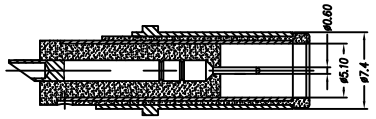



MATING PLUG (TOLERANCE: ±0.05)

ORDER NO.
2DC1007-000111
- PACKAGING
  1: BAG
- HOUSING COLOR
  1: BLACK
- CONTACT PLATING
  1: GOLD-PLATED(5u" Min.)

| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
|---|---|---|---|---|
| H | BACK PLATE | 1 | THERMOPLASTIC UL 94V-0 (HALOGEN FREE) | BLACK |
| G | LED | 1 | InGaN Lamps | WHITE LIGHT |
| F | SHELL | 1 | SPCC-SD 0.4T | Ni 60u" Min OVER Cu 80u"Min |
| E | SIGNAL | 1 | COPPER ALLOY | NICKEL UNDERPLATED OVER ALL , |
| D | SPRING(+) | 1 | COPPER ALLOY | GOLD 5u" Min AT CONTACT AREA |
| C | SPRING(-) | 1 | COPPER ALLOY | AND Sn100u" Min. AT WELD AREA . |
| B | COVER | 1 | THERMOPLASTIC UL 94V-0 (HALOGEN FREE) | BLACK |
| A | HOUSING | 1 | | |

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±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

| | | | |
|---|---|---|---|
| TITLE | DC POWER JACK + LED | | |
| DWN | Ken2015.1.04 | PART NO.2DC1007-000111 | |
| CHKD | Cerry | SCALE: 4:1 | UNIT: mm |
| APVD | lico | SIZE: A3 | SHEET:1 OF 1 |
| | | REV:H | |

CUSTOMER COPY

文件編號:RD-06-043-A