

| REV. | ECN NO. | OR DESCRIPTION | REVISED | DATE |
|------|----------------|----------------|---------|------------|
| B | ECN NO.S120806 | | Andy | 2012.08.22 |
| C | ECN NO.S130465 | | SEAN | 2013.09.27 |
| D | ECN NO.S131126 | | SEAN | 2014.01.15 |

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:

- 1-1. RATING: 20V 5A
- 1-2. CONTACT RESISTANCE: $30m\Omega$ MAX.(INITIAL)
- 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
- 1-4. INSULATION RESISTANCE: $100M\Omega$ MIN. MEASURED BY 500 VDC

2. MECHANICAL CHARACTERISTICS:

- 2-1. INSERTION FORCE : 0.5~3.0 KGf
- 2-2. WITHDRAWAL FORCE : 0.4~2.0 KGf(INITIAL)
0.3~2.0 KGf(AFTER LIFE TEST)

3. LIFE TEST: 5,000 CYCLES MIN.

4. OTHER GENERAL SPEC. TO REFER "2DC1015 SERIES SPEC."

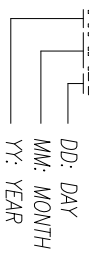
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.

6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:

7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:

8. FOR HAND SOLDERING LEAD-FREE PROCESS.

9. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.



| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
|----|-------------|-----|------------------------|---|
| F | SHELL | 1 | SPCC | Ni 60μ MIN ALL OVER Cu 80μ |
| E | GROUND | 1 | STAINLESS STEEL 0.15T | N/A |
| D | STOPPER | 1 | THERMOPLASTIC UL 94V-0 | BLACK |
| C | PIN | 1 | BRASS | GOOD FLASH ALL OVER Ni 500 μ MIN. |
| B | SPRING | 1 | COPPER ALLOY 0.30T | GOOD FLASH ON CONTACT AREA. Sn 120μ Min PLATED ON SOLDER TAIL. ALL OVER Ni 500 μ MIN. |
| A | HOUSING | 1 | THERMOPLASTIC UL 94V-0 | BLACK |

| NO | DESCRIPTION | QTY | MATERIAL | PLATING & COLOR |
|---|-------------|-----|----------|-----------------|
| UNLESS OTHERWISE SPECIFIED TOLERANCES | | | | |
| Singatron Enterprise Co., Ltd. 信 登 企 業 股 份 有 限 公 司 | | | | |
| TITLE: DC POWER JACK | | | | |
| DECIMALS: ANGLES: | | | | |
| X | :±0.5 | X | :±2° | |
| X.X | :±0.3 | X.X | :±1' | |
| X.XX | :±0.2 | | | |
| DWN SEAN PART NO. 2DC1015-003111F | | | | |
| CHKD CERRY SCALE 4:1 UNIT: mm | | | | |
| APVD MAX SIZE: A3 SHEET: 1 OF 1 REV: D | | | | |
| CUSTOMER COPY | | | | |