



**SPECIFICATIONS:**

- 1. ELECTRICAL CHARACTERISTICS:**
- 1-1. CURRENT RATING: 0.5A MAX.
  - 1-2. VOLTAGE RATING: 150V MAX.
  - 1-3. CONTACT RESISTANCE : 50mΩ MAX.(INITIAL), 100mΩ MAX.(AFTER LIFE TEST).
  - 1-4. INSULATION RESISTANCE : 100MΩ MIN.
  - 1-5. Dielectric Withstanding Voltage : 500 V AC at sea level.
- 2. MECHANICAL CHARACTERISTICS:**
- 2-1. DURABILITY: 5000 CYCLES.
  - 2-2. INSERTION FORCE: 2.25kg MAX. WITH LATCH DEPRESSED.
  - 2-3. WITHDRAWAL FORCE: 4.5kg MAX. WITH LATCH DEPRESSED.
  - 2-4. OPERATING TEMPERATURE: -30℃ ~ +70℃.
- 3. MARKING: MARK "S" INSIDE OF THE CONNECTOR.
  - 4. PACKAGING : TAPE & REEL.
  - 5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  - 6. HALOGEN FREE PRODUCT IDENTIFICATION
  - 7. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON THE PACKAGING:
  - 8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
  - 9. PRINTED DATE CODE "YY MM DD" ON TOP OF THE CONNECTOR.

DD: DAY  
MM: MONTH  
YY: YEAR

| NODE        | COLOR  | Test Condition       |
|-------------|--------|----------------------|
| A1(-) A2(+) | GREEN  | I <sub>F</sub> =20mA |
| B3(-) B2(+) | GREEN  | I <sub>F</sub> =20mA |
| B1(-) B2(+) | ORANGE | I <sub>F</sub> =20mA |

| NO | DESCRIPTION    | QTY | MATERIAL  |
|----|----------------|-----|---|
| E  | LED            | 1   | GREEN,ORANGE  |
| D  | SHELL          | 1   | GREEN   |
| C  | 8P8C CONTACT   | 8   | NI PLATING ALL OVER   |
| B  | NO DESCRIPTION | 1   | 5u" Au ON CONTACT AREA:<br>Motte Sn 120u" ON SOLDER TAIL:<br>ALL OVER Ni 50u"MIN. |
| A  | NO DESCRIPTION | 1   | UL 94V-0 & BLACK  |

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| DECIMALS:    | ANGLES:   | TITLE                              |
|--------------|-----------|------------------------------------|
| X : ±0.50    | X : ±2°   | RJ45 JACK                          |
| X.X : ±0.30  | X.X : ±1° | DWN JAMES PART NO. 2R13039-158411F |
| X.XX : ±0.20 |           | CHKD SCALE 4:1 UNIT: mm            |
|              |           | APVD SIZE: A3 SHEET: 1 / 1 REV: A  |