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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents. PCK 0 Note SHOCK

DAMP HEAT (STEADY STATE) 1)TEMPERATURE RISE INCLUDED WHEN ENERGIZED.
2)THIS STORAGE INDICATES A LONG-TERM STORAGE STATE FOR THE UNUSED PRODUCT BEFORE THE BOARD MOUNTED 3) \* \* INDICATES SOLDRABILITY RESISTANCE TO CODE NO.(OLD) Unless otherwise specified, refer to MIL-STD-1344. HYDROGEN SULPHIDE CORROSION SALT MIST REMARKS TEMPERATURE RAPID CHANGE OF ENVIRONMENTAL VIBRATION OPERATION MECHANICAI WITHDRAWAL FORCES **INSERTION AND** MILLIVOLT LEVEL **ELECTRICAL CHARACTERISTICS** CONSTRUCTION HS HIROSE MECHANICAL CHARACTERISTICS VOLTAGE PROOF RESISTANCE INSULATION METHOD CONTACT RESISTANCE CONTACT RESISTANCE MARKING GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. APPLICABLE RATING COUNT QT:Qualification Test ITEM DESCRIPTION OF REVISIONS VOLTAGE CURRENT TEMPERATURE RANGE THE NUMBER OF **STANDARD** ELECTRIC CO., LTD. CHARACTERISTICS 240±3°C SOLDERED AT SOLDER TEMPERATURE 1) SOLDER BATH:SOLDER TEMPERATURE, 260±5°C FOR IMMERSION,DURATION,10±1s **EXPOSED IN** UNDER TEMPERATURE-55→+15-**EXPOSED AT** MEASURED BY APPLICABLE CONNECTOR EXPOSED IN 3 PPM FOR (TEST STANDARD: JEIDA-38) AMPLITUDE: 1.52 mm FREQUENCY CONFIRMED VISUALLY. 490 m/s<sup>2</sup>, AT:Assurance Test 500 TIMES INSERTIONS AND EXTRACTIONS 20 mV MAX, SOLDERING IRONS: 360°C N CONTACTS 100 mA (DC OR 1000 Hz). 300 V AC FOR 1 min 250 V DC DRAWING NO h FOR Z, DURATION OF PULSE 11 FOR IMMERSION DURATION, 2s თ ფ CYCLES 55 10 TO 10~15 3 DIRECTION TEST METHOD В 40±2 °C, 2 ဂိ % SALT WATER SPRAY FOR 125 CHKD mA(DC OR 1000Hz) X:Applicable Test SPECIFICATION 55 Hz, 0.5 A 70 083296-21 ~+35→+85→+15~+35°C 1 < SPECIFICATIONS 8 ဗ FOR 5 s. 96 h. DATE గ్గ 85 95 %, 10~15 ်<sub>ငိ(3)</sub> ms A.SUZUKAWA 05.03.24 96 E E DRAWN COUNT STORAGE
TEMPERATURE RANGE
OPERATING HUMIDITY ₽ STORAGE HUMIDITY RANGE RANGE SHEET CODE NO A NEW UNIFORM COATING OF SOLDER SHALL OVER A MINIMUM OF 95 % OF THE SURFACE BEING IMMERSED. NO DEFORMATION OF CASE OF LOOSENESS OF THE TERMINAL <u>⊚</u> ⊖ Θ  $\odot$  $\Theta$ ① NO ELECTRICAL DISCONTINUITY OF ② NO DAMAGE, WITHDRAWAL FORCE  $: (0.098 \times * *)$  N MIN NO FLASHOVER OR BREAKDOWN. ACCORDING TO DRAWING INSERTION FORCE :(0.882×\*\*) H. Soi 05.03.25 **DESCRIPTION OF REVISIONS** CONTACT RESISTANCE: NO HEAVY CORROSION. NO DAMAGE, CRACK AND LOOSENESS INSULATION RESISTANCE: 100 MΩ MIN NO DAMAGE, CONTACT RESISTANCE: CONTACT RESISTANCE: OF PARTS OF PARTS DESIGNED PARTS  $55\,m\,\Omega$ 100 MΩ MIN 45 mΩ MAX. PART REQUIREMENTS Ö MAX FX2-\*\*S-105.03 J. Ozame **CRACK AND LOOSENESS CRACK AND LOOSENESS** CHECKED 572 10 23 40% 40% ဂိ ) (. Ogano 05.03.25 55 55 mΩ MAX. 55 mΩ MAX. APPROVED EXCESSIVE ВΥ 2 mΩ MAX TO 70 %<sup>(2)</sup> TO 7DSL TO 80 % N MAX SHA 60 °C<sup>(2)</sup> (71)RELEASED ମ୍ X X X × × X DATE  $\times$ X X X X X ×  $\times$ X × × A X X

