NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER. AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

GENERAL REQUIREMENTS:

1. UNITS SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-22684 FOR TYPE RL-07 WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED HEREIN.

EXCEPTIONS:

1. UNITS SHALL HAVE WELDABLE GOLD COATED SMT LEADS PER NASA DOCUMENT PS 101541. A CERTIFICATE OF COMPLIANCE OF LEAD MATERIAL AND FINISH SHALL ACCOMPANY EACH LOT SHIPPED.

2. INITIAL RESISTANCE shall be PLUS OR MINUS 2% OF THE SPECIFIED VALUE.

3. TEMPERATURE COEFFICIENT: ± 200 PPM/°C MAX FROM -55°C TO 150°C.

4. UNITS SHALL BE CAPABLE OF MEETING AN END OF LIFE TOLERANCE OF 5% OF NOMINAL VALUE SPECIFIED AFTER 5000 HOURS WHEN ENERGIZED AS SHOWN IN DESIGN APPLICATION DERATING CURVE BELOW.

5. MARKING: UNITS SHALL BE PERMANENTLY AND LEGIBLY MARKED PER STANDARD MIL-STD-130 WITH THE MANUFACTURER'S SYMBOL, TYPE DESIGNATION, NUMERICAL RESISTANCE VALUE AND TOLERANCE INDICATING PLUS OR MINUS 2 PERCENT RESISTANCE TOLERANCE.

ADDITIONS:

1. THE SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS CONTAINED IN NASA DOCUMENT ND1015404 CLASS I.

2. BURN IN: 24 HOURS AT 150% OF RATED LOAD AT ROOM AMBIENT TEMPERATURE. THE FOLLOWING PARTS SHALL NOT BE SHIPPED:

A) ANY PART WHICH CHANGES MORE THAN THE MEAN CHANGE ± 2 SIGMA.

B) ANY PART WHICH CHANGES MORE THAN 0.75%.

C) ANY PART WHICH IS BEYOND PURCHASE TOLERANCE AT THE CONCLUSION OF THE TEST.

D. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-R-70727.

NOTES:

1. UNITS SHALL BE PERMANENTLY MARKED IN ACCORDANCE WITH THE MANUFACTURER'S SYMBOL, TYPE DESIGNATION, NUMERICAL RESISTANCE, VALUE AND TOLERANCE INDICATING PLUS OR MINUS 2 PERCENT RESISTANCE TOLERANCE.

2. UNITS SHALL HAVE WELDABLE GOLD COATED SMT LEADS PER NASA DOCUMENT PS 101541. A CERTIFICATE OF COMPLIANCE OF LEAD MATERIAL AND FINISH SHALL ACCOMPANY EACH LOT SHIPPED.

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