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.

NOTES:

1. GENERAL REQUIREMENTS:
   A. UNITS SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-22684 FOR TYPE RL 20 WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED HEREIN.
   B. EXCEPTIONS:
      (1) UNITS SHALL HAVE WELDABLE GOLD COATED GMT LEADS PER NASA DECENCY PE T03001. A CERTIFICATE OF COMPLIANCE OF LEAD MATERIAL AND FINISH SHALL ACCOMPANY EACH LOT SHIPPED, DESCRIPTING MATERIAL AND CATALOGING IDENTIFYING NO.
      (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 10% OF NomINAL VALUE SPECIFIED AFTER 5000 HOURS UNDER ENERGIZED AS SHOWN IN DESIGN APPLICATION DERATING CURVE BELOW.
      (5) MARKING: UNITS SHALL BE PERMANENTLY AND LEGIBLY MARKED PER STANDARD MIL-ST-130 WITH THE MANUFACTURER'S DESIGNATION, NUMERICAL RESISTANCE VALUE, LETTER & HAVING POINT OR PLUS 2 PERCENT RESISTANCE TOLERANCE.

   C. ADDITIONS:
      (1) THE SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS CONTAINED IN NASA DOCUMENT ND1015404 CLASS A.
      (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.
      (3) UNITS SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-22684 FOR TYPE RL 20 WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED HEREIN.
      (4) UNITS SHALL HAVE WELDABLE GOLD COATED GMT LEADS PER NASA DECENCY PE T03001. A CERTIFICATE OF COMPLIANCE OF LEAD MATERIAL AND FINISH SHALL ACCOMPANY EACH LOT SHIPPED, DESCRIPTING MATERIAL AND CATALOGING IDENTIFYING NO.
      (5) INITIAL RESISTANCE SHALL BE PLUS OR MINUS 2% OF THE SPECIFIED VALUE.
      (6) TEMPERATURE COEFFICIENT:
         ± 200 PPM/°C MAX FROM -55°C TO 150°C.
      (7) UNITS SHALL BE CAPABLE OF MEETING AN END OF LIFE TOLERANCE OF 10% OF NomINAL VALUE SPECIFIED AFTER 5000 HOURS UNDER ENERGIZED AS SHOWN IN DESIGN APPLICATION DERATING CURVE BELOW.
      (8) MARKING: UNITS SHALL BE PERMANENTLY AND LEGIBLY MARKED PER STANDARD MIL-ST-130 WITH THE MANUFACTURER'S DESIGNATION, NUMERICAL RESISTANCE VALUE, LETTER & HAVING POINT OR PLUS 2 PERCENT RESISTANCE TOLERANCE.