NOTES:

A. GENERAL REQUIREMENTS:

1. UNITS SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-22684 FOR TYPE RL-67 WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED HEREIN.

B. EXCEPTIONS:

1. UNIT'S HEAT TREATMENT SHALL BE PER MIL-STD-150, WITH THE MANUFACTURER'S SYMBOL, TYPE DESIGNATION, NOMINAL RESISTANCE, VALUE AND TOLERANCE, LETTER G INDICATING 2% RESISTANCE TOLERANCE.

2. INITIAL RESISTANCE SHALL BE PLUS OR MINUS 5% OF THE SPECIFIED VALUE.

3. TEMPERATURE COEFFICIENT:

- ±200 P.P.M./°C MAX FROM -55°C TO 150°C.

4. UNITS SHALL BE CAPABLE OF MEETING AN END OF LIFE TOLERANCE OF 1% OF NOMINAL VALUE SPECIFIED AFTER 5000 HOURS WHEN ENERGIZED AT 80% OF DESIGN APPLICATION DISSIPATION CURVE BELOW.

5. MARKINGS: UNIT SHALL BE PERMANENTLY AND LEGIBLY MARKED PER MIL-STD-150, WITH THE MANUFACTURER'S SYMBOL, TYPE DESIGNATION, NOMENCLATURE, VALUE AND TOLERANCE, LETTER G INDICATING 2% RESISTANCE TOLERANCE, AND THE MANUFACTURER'S FOUR-DIGIT MANUFACTURING LOT NUMBER.

C. ADDITIONS:

1. THE SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE SPECIFICATIONS CONTAINED IN NASA DOCUMENT ND1002034 A.

2. UNITS SHALL HAVE WELDABLE GOLD COATED FUMED LEADS PER MIL-D-70327.

3. UNITS SHALL HAVE WELDABLE GOLD COATED FUMED LEADS PER MIL-R-22684.

4. UNITS SHALL BE CAPABLE OF MEETING AN END OF LIFE TOLERANCE OF 1% OF Nominal VALUE SPECIFIED AFTER 5000 HOURS WHEN ENERGIZED AT 80% OF DESIGN APPLICATION DISSIPATION CURVE BELOW.

D. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-R-22684.

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

F. ANY PART WHICH CHANGES MORE THAN 0.75%.

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

H. UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ON DRAWING ARE IN INCHES, FRACTIONS DEGREES, ANGLES, DIMENSIONS ARE IN INCHES, FRACTIONS DEGREES ANGLES, DIMENSIONS ARE IN INCHES, FRACTIONS DEGREES ANGLES.

I. DO NOT SCALE THIS DRAWING.

J. MATERIALS ARE TO FOLLOW NASA DOCUMENT ND1002034 A.

K. CHECKED.

L. APPROVED.

M. PART NO.

N. NUCLEUS.

O. REVISION.

P. ONE COPY OF THIS DRAWING WILL BE KEPT ON FILE AT THE MANUFACTURER'S FACILITY. A CERTIFICATE OF COMPLIANCE OF LEAD MATERIAL AND FINISH SHALL ACCOMPANY EACH LOT SHIPPED.

Q. NASA DRAWING NO.

R. MANNED SPACECRAFT CENTER.

S. RESISTOR, FIXED FILM INSULATED 1/4 WATT.

T. SPECIFICATION CONTROL DRAWING.

U. SEE NOTES.

V. NEXT ASSEMBLY USED ON.

W. FINISH.

X. APPLICATION.

Y. REVISIONS.

Z. PURCHASE TO QUALIFICATION STATUS LIST.