NOTICE — MWEN GOVERNMENT ORAMINGS, SPECIFICATIONS, OR OTHER DATA.

DESCRIPTION

TAKEN FROM BUWEPS OWG C2stegz7

REVISED & REDRAWN PER TORR R03/4

1. GENERAL REQUIREMENTS:

A. UNITS SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-95, CHARACTERISTIC C, EXCEPT AS AND IN ADDITION TO THE REQUIREMENTS SPECIFIED HEREIN.

B. RESISTANCE VALUES: SEE TABLE.

C. RESISTANCE TOLERANCE: SEE TABLE.

D. POWER RATING: 1/10 WATT AT 125°C.

E. TEMPERATURE COEFFICIENT: -15 PPM/°C OVER OPERATING TEMPERATURE RANGE, EXCEPT FOR VALUES BELOW 20 OHMS WHICH SHALL BE 0.006% MAXIMUM.

F. MAXIMUM VOLTAGE RATINGS: 150 VOLS.

G. STABILITY: 100 PPM/YEAR AT +25°C.

H. TEMPERATURE RANGE: MINUS 65°C TO PLUS 125°C.

2. CONSTRUCTION REQUIREMENTS:

A. LEADS: UNITS SHALL HAVE WELDABLE GRADE A NICKEL LEADS PER MIL-P-1015400. A CERTIFICATE OF COMPLIANCE OF LEAD MATERIAL SHALL ACCOMPANY EACH LOT SHIPPED.

B. MARKING: MARK UNITS PER MIL-STD-130 WITH MANUFACTURER’S NAME AND/ OR SYMBOL, TYPE NUMBER, RESISTANCE VALUE AND TOLERANCE. MARKING OF UNIT PACKAGES AND EXTERIOR SHIPPING CONTAINERS SHALL INCLUDE NASA NUMBER, DASH NUMBER AND REVISION LETTER.

3. ENVIRONMENTAL REQUIREMENTS:

A. UNITS SHALL BE CAPABLE OF MEETING THE ENVIRONMENTAL REQUIREMENTS OF ND 1002000.

4. BURN IN: 100 HOURS @125°C @1/10 WATT. REJECT ANY PART WHICH CHANGES MORE THAN 0.1% OR CANNOT MEET PURCHASE TOLERANCE.

5. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS OF ND 1015404 CLASS I.

6. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

PURCHASE FROM QUALIFICATION STATUS LIST ND1002034 UNLESS OTHERWISE SPECIFIED D1.000000 INCHES INSTRUMENTATION LAB MANNED SPACECRAFT CENTER

DO NOT SCALE THIS DRAWING