3. DESIGN:
A. OPERATING LIFE: 4000 HOURS MINIMUM AT RATED CURRENT AND VOLTAGE AT 70° F AMBIENT TEMPERATURE.
B. MATERIAL: ALL MATERIAL SHALL BE CAPABLE OF MEETING THE REQUIREMENTS OF THIS DRAWING AND EXHIBIT NO TOXICITY.
   1. PLASTIC FACE PLATE: ACRYLIC SHEET PLASTIC PER MIL-P-5425, FINISH A.
   2. CASE: ALUMINUM ALLOY.
C. FINISH:
   1. CUMULATIVE TREAT PER MIL-C-5946 (AL CASE)
   2. PAINT SURFACES MARKED "A" BLACK EPOXY ENAMEL PER MIL-P-22716.
   3. PAINT TOP OUTER AREA MED GRAY EPOXY ENAMEL PER NO 100215 USING 1010729-1.
D. TERMINALS AND INSULATORS: SHALL MEET THE REQUIREMENTS OF NO 1002156.
E. PANEL COLORS: (SEE NOTE 2.A.(4)) YELLOW COLOR TO BE AVIATION YELLOW AND WHITE COLOR TO BE AVIATION WHITE PER MIL-C-25950.

4. NOTE: THIS UNIT IS TO BE MOUNTED ON A HEAT SINK WHEN LEGENDS ARE ENERGIZED FOR Periods LONGER THAN TWO (2) MINUTES. A SATISFACTORY HEAT SINK CAN BE AN ALUMINUM OR BRASS PLATE 10" X 10" X 1/4" WITH A CENTERED RECTANGULAR OPENING FOR MOUNTING THE UNIT.

**MATERIAL**

- UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
- RESISTOR VALUES ARE IN OHMS
- CAPACITOR VALUES ARE IN FRACTIONS
- RESISTANCE VALUES ARE IN OHMS

**LIST OF MATERIALS**

- MIT INSTRUMENTATION LAB
- MANNED SPACECRAFT CENTER
- INDICATOR, ALARM

**SPECIFICATION CONTROL DRAWING**

- DRAWN CHECKED DESIGNED
- 80230 C
- 1006316

**NOTES**

- DO NOT SCALE THIS DRAWING
- NO DESCRIPTION

**PRODUCED ONLY FROM APPROVED SOURCES**

- LISTED IN NO 1000234 FOR THIS DRAWING.