3. DESIGN:

A. OPERATING LIFE: 4000 hours minimum at rated current and voltage at 70° ± 5°F ambient temperature.

B. MATERIAL: All materials shall be capable of meeting the requirements of this drawing and exhibit no toxicity.

   1. PLASTIC FACE PLATE: Acrylic sheet plastic per MIL-P-9125, finish A.

   2. CASE: Aluminum alloy.

C. FINISH:

   1. CHROMATE TREATMENT MIL-C-5624 (AL CASE)

   2. PAINT SURFACES MARKED "A" BLACK EPOXY ENAMEL PER MIL-P-2736.

   3. PAINT TOP BORDER AREA MED GRAY EPOXY ENAMEL PER MIL-C-2119 USING 7017279-1.

D. TERMINALS AND INSULATORS: SHALL MEET THE REQUIREMENTS OF MIL-C-21179.

E. PANEL COLORS: [DATE NOTE 1A.(A):] YELLOW COLOR TO BE AVIATION YELLOW AND WHITE COLOR TO BE AVIATION WHITE PER MIL-C-25050.

4. NOTE: This unit is to be mounted on a heat sink when legs are energized for periods longer than 20 (20) minutes. A satisfactory heat sink can be an aluminum or brass plate 10" x 5 0.10" x 0.10" with a centered rectangular opening for mounting the unit.