

| Characteristics | Test Methods | Limits |
|------------------------|---|--------------------------------------|
| Resistance to Solvents | The specimen shall be subjected to 1 PA for duration of 1 min. 0 strokes of hard brush shall be applied. The test shall be conducted 3 times. | The marking shall remain legible. |
| Incombustibility | The resistors shall be subjected to 6 times the rated wattage for a duration of 5 min. | The resistors shall not catch flame. |
| Terminal Strength | Pull Test: The resistor lead shall be pulled using 5 N force Bend Test: The resistor leads are bend through 1 80 three times. | There shall be no damage. |
| Load Life | The specimen shall be subjected to an ambient of 70°C for duration of 1000 Hrs. The specimen shall also be loaded for full power dissipation. The duty cycle shall be 1 1/2Hr On & 1 1/2Hr Off. | R% =5% Max |
| Steady State Humidity | These shall be subjected to an ambient of 40°C with RH as 95%, for duration of 56 days. A small DC voltage shall be so applied that the specimen shall dissipate 1 % of the rated power. | R% = 5%Max |