

| Characteristics | Test Methods | Limits |
|---------------------------|---|---|
| Resistance to Solder Heat | A solder bath is Maintained at 350°C. The specimen leads are subjected to the bath for a duration of 10 secs. | R % = ? 1 % Max |
| Resistance to Solvents | The specimen shall be subjected to IPA for a duration of 1 min. 10 strokes of hard brush shall be applied. The test shall be conducted 3 times. | The colour code marking shall remain legible. |
| Die-electric Strength | A foil is wrapped around the specimen body. A voltage of 300 V @ 0.5 ma shall be applied between both the terminals of the specimen for a duration of 1 min. | There shall be no flash over Or break down. |
| Terminal Strength | Pull Test: The resistor leads shall be pulled using 5 N force Bend Test: The resistor leads are bend through 180° three times. | There shall be no damage. |
| Load Life | The specimen shall be subjected to an ambient of 70°C for a duration of 1000 Hrs. The specimen shall also be loaded for full power dissipation. The duty cycle shall be 1 1/2 Hr. On & 1 1/2 Hr. Off. | R % = ? 5 % Max |
| Steady State Humidity | The shall be subjected to an amb. Of 40°C with RH as 95%, for a 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 |

Taping Details

| Type | A | B | C | D | E | P | L ₁ -L ₂ |
|--------|----------|----------|----------|-------|------|----------|--------------------------------|
| CCR25 | 52? 1.00 | 4 ? 1.00 | 6 ? 0.50 | 1 Max | 0.00 | 10 ?0.30 | 1.0 Max |
| CCR50 | 52? 1.00 | 4 ? 1.00 | 6 ? 0.50 | 1 Max | 0.00 | 10 ?0.30 | 1.0 Max |
| CCR100 | 63? 1.00 | 4 ? 1.00 | 6 ? 0.50 | 1 Max | 0.00 | 10 ?0.30 | 1.0 Max |
| CCR200 | 63? 1.00 | 4 ? 1.00 | 6 ? 0.50 | 1 Max | 0.00 | 10 ?0.30 | 1.0 Max |