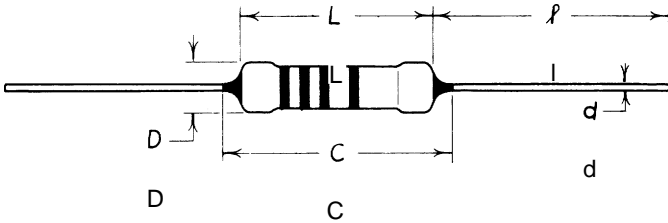


LEADED GENERAL PURPOSE

- Conformally coated with UL94V-O flameproof material
- Suitable for automatic machine insertion
- Units are marked with color bands or alpha-numeric marking
- Lavender body color



DIMENSIONS (in/mm)

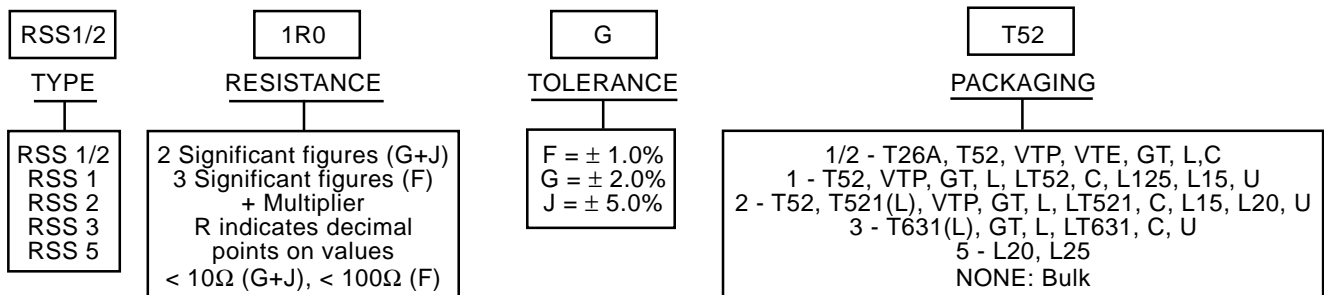
| TYPE | L (typ) | C (max) | D | d | l |
|---------|---------------|---------------|------------------------|--------------------------|-----------------------|
| RSS 1/2 | 0.256 6.2 | 0.280 7.1 | 0.098±0.02 2.5±0.5 | 0.024±0.002 0.60±0.05 | 1.18±0.12 30.0±3.0 |
| RSS 1 | 0.375 9.0 | 0.437 11.1 | 0.118±0.02 3.0±0.5 | 0.031±0.002 0.80±0.05 | 1.5±0.125 38.0±3.1 |
| RSS 2 | 0.472 12.0 | 0.591 15.0 | 0.157±0.02 4.0±0.5 | | |
| RSS 3 | 0.610 15.5 | 0.709 18.0 | 0.236±0.039 6.0±1.0 | | |
| RSS 5 | 0.965 24.5 | 1.102 28.0 | 0.354±0.039 9.0±1.0 | | |

STANDARD APPLICATIONS

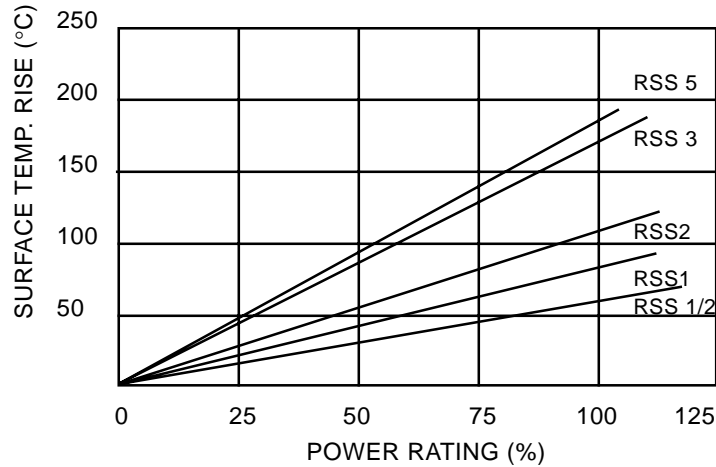
| TYPE | POWER RATING @70°C | MAX WORKING VOLTAGE | MAX OVERLOAD | DWV | RATED AMBIENT TEMP. | OPERATING TEMP. RANGE | RESISTANCE RANGE | | |
|---------|--------------------|---------------------|--------------|-------|---------------------|-----------------------|------------------|--------------|--------------|
| | | | | | | | F(± 1%) E-96 | G(± 2%) E-24 | J± (5%) E-24 |
| RSS 1/2 | 500 mW | 300 V | 600 V | 400 V | 70°C | -55°C | 1.0 - 47KΩ | | 0.2 - 47KΩ |
| RSS 1 | 1 W | 350 V | | 500 V | | | 0.2 - 68KΩ | | |
| RSS 2 | 2 W | | 700 V | 700 V | | 0.2 - 100KΩ | 0.2 - 100KΩ | | |
| RSS 3 | 3 W | | | 700 V | | 200°C | | — | |
| RSS 5 | 5 W | 500 V | 1000 V | 800 V | | — | — | | |

LEADED COMPONENTS

ORDERING AND SPECIFYING



PERFORMANCE CHARACTERISTICS



| PARAMETER | CHARACTERISTIC LIMITS |
|-------------------------------|-----------------------|
| Temperature Coefficient | ± 200 ppm/°C |
| Short Time Overload | ± 2% |
| Effects of Solder | ± 1% |
| Moisture Resistance | ± 5% |
| Load Life | ± 5% |
| Temperature Cycling | ± 1% |
| Vibration | ± 1% |
| Shock | ± 1% |
| Terminal Strength (Lead Pull) | 5 # min. |
| Current Noise | < 1.0 μv/v/decade |
| Voltage Coefficient | < 20 ppm/v |
| Low Temperature Operation | ± 1% |

LEADED COMPONENTS