

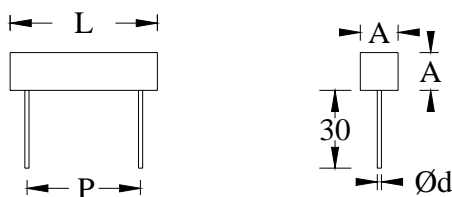
FEATURES

- * WATTAGES FROM 2 WATTS TO 40 WATTS
- * RANGE FROM 0R1 OHM TO 33K OHMS
- * ALL WELDED CONSTRUCTION
- * CERAMIC ENCASED, RADIAL LEADS
- * ANY SPECIAL DESIGN ON REQUEST

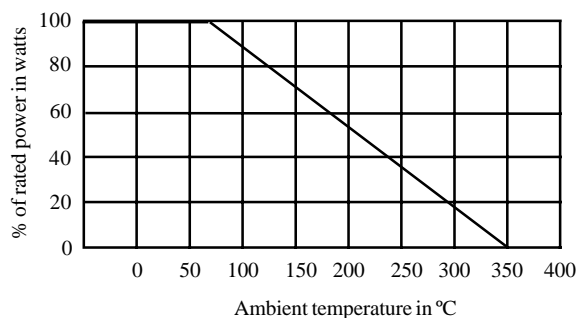
CHARACTERISTICS

| | |
|-------------------------|--|
| Tolerance | ±5% & ±10% (close tolerances available on request) |
| Temperature coefficient | ±200PPM/°C |
| Power dissipation | Rated at 70°C ambient and derate linearly to 0 power at 350°C |
| Load life stability | ±5% (After full load dissipation for 1000 hrs.) |
| RCWV | $\sqrt{\text{Rated power} \times \text{resistance value}}$ (RCWV - Rated Continuous Working Voltage) |

DIMENSIONS(mm)



DERATING CURVE



TECHNICAL SPECIFICATIONS

| Type no. | Watts at 70°C. | Ohmic range | | Mechanical dimensions(mm) | | | |
|----------|----------------|-------------|-----|---------------------------|-------|-------|--------|
| | | Min | Max | A±1.0 | L±2.0 | P±1.0 | d±0.05 |
| VBML2 | 2 | 0R1 | 3K3 | 7.0 | 17.0 | 13.0 | 0.8 |
| VBML3 | 3 | 0R1 | 6K8 | 8.0 | 22.0 | 18.0 | 0.8 |
| VBML5 | 5 | 0R1 | 8K2 | 9.0 | 22.0 | 18.0 | 0.8 |
| VBML7 | 7 | 0R1 | 10K | 9.0 | 35.0 | 30.0 | 0.8 |
| VBML10 | 10 | 0R1 | 15K | 9.0 | 48.0 | 43.0 | 0.8 |
| VBML15 | 15 | 0R1 | 22K | 13.0 | 48.0 | 43.0 | 1.0 |
| VBML20 | 20 | 1R | 27K | 13.0 | 63.0 | 60.0 | 1.0 |
| VBML25 | 25 | 1R | 33K | 16.0 | 63.0 | 55.0 | 1.2 |
| VBML30 | 30 | 1R | 33K | 16.0 | 75.0 | 65.0 | 1.2 |
| VBML40 | 40 | 1R | 33K | 16.0 | 84.0 | 75.0 | 1.2 |