

**ALUMINUM HOUSED, PRECISION
LOW OHM, 4 TERMINAL
CURRENT SHUNT RESISTORS**

FEATURES:

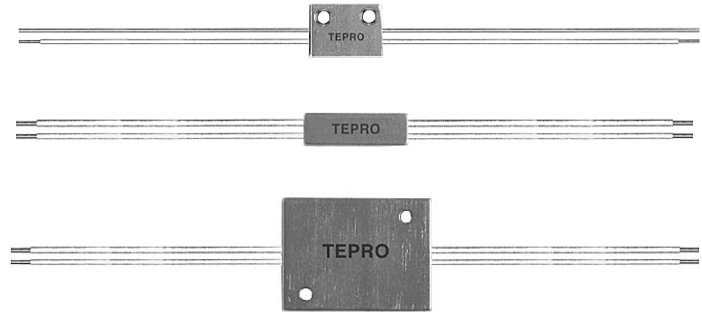
- Chassis mount for heat sink effect
- Epoxy protected windings
- Miniature size
- Noninductive windings
- High stability
- Optimum power to size ratio
- Higher ambients
- Withstand severe environments
- Flexible leads
- 4 terminals for current sensing

GENERAL SPECIFICATIONS:

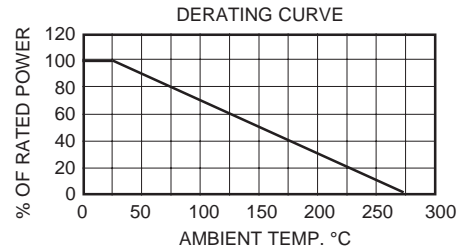
- Applicable MIL spec: MIL-R-18546
- Standard tolerance: ±0.05% to 5%
- Dielectric strength: 1000VAC
- Insulation resistance: 10,000 megohms min.
- Temperature coefficient:
 - 10 ohms and above: ±20ppm
 - 1 ohm to 9.9 ohm: ±50ppm
 - Below 1 ohm: ±90ppm
- Terminal strength: 5lb. pull test

VARIATIONS:

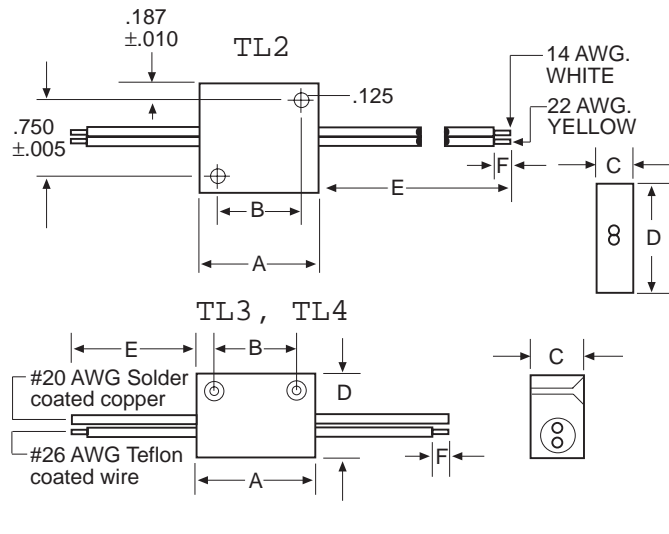
- Special TC on request
- Closer tolerances to <.05% available
- Special lead lengths



DERATING:



For ambient temperature above 25° C derate according to the above curve.



STANDARD CONFIGURATIONS AND ELECTRICAL SPECIFICATIONS:

| TYPE | A | B | C | D | E | F | POWER (Watts) | RESISTANCE RANGE(Ohms) |
|------|-------|-------|-------|-------|-------|-------|------------------|---------------------------|
| TL1 | ±.031 | ±.031 | ±.015 | ±.015 | ±.125 | ±.062 | 3 | .001 - 5K |
| TL2 | 1.00 | N/A | .312 | 0.312 | 6.00 | .250 | 5 | .001 - 10K |
| TL3 | 0.625 | 0.400 | .312 | 0.450 | 1.50 | .250 | 5 | .001 - 10 |
| TL4 | 1.03 | 0.788 | .312 | 0.450 | 1.50 | .250 | 7 | .001 - 10K |