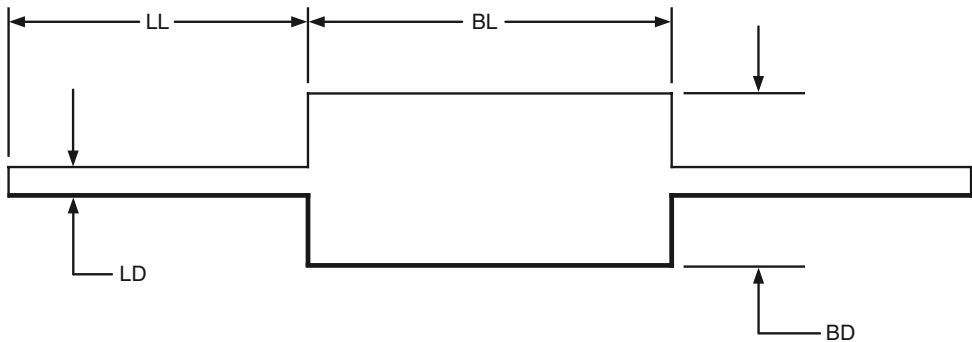
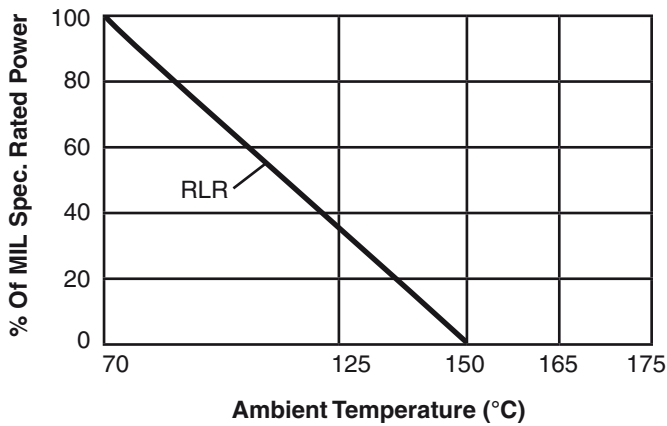


Physical Data

					
Dimensions (Inches and (mm))					
Nominal Size	Body Length BL	Body Diameter BD	Lead Length LL	Lead Diameter LD	Clean Lead
1/8 watt	0.150 ±0.020 (3.8 ±0.5)	0.066 ±0.008 (1.7 ±0.2)	1.00 ±0.125 (25.4 ±3.2)	0.016 ±0.002 (0.41 ±0.05)	0.187 (4.7)
1/4 watt	0.250 ±0.015 (6.4 ±0.4)	0.090 ±0.008 (2.3 ±0.2)	1.50 ±0.125 (38.1 ±3.2)	0.025 ±0.002 (0.64 ±0.05)	0.300 (7.6)
1/2 watt	0.390 ±0.010 (9.9 ±0.3)	0.140 ±0.008 (3.6 ±0.2)	1.50 ±0.125 (38.1 ±3.2)	0.032 ±0.002 (0.81 ±0.05)	0.450 (11.4)

## MIL Spec. Power Derating Chart



## Ordering Data

Sample Part No. ....	RLR	20	C	1001	F	S
MIL Style • .....						
RL = Fixed Film Resistor. Established reliability.						
Power Rating • .....						
05 = 1/8 watt 07 = 1/4 watt 20 = 1/2 watt						
Lead Material • .....						
C = Solderable/weldable leads						
Resistance • .....						
First three digits represent significant figures; fourth digit is number of zeros.						
Tolerance • .....						
F = ±1%, G = ±2%						
Failure Rate • .....						
S = 0.001% for 1000 hours (60% confidence)						

### General Note

TT electronics reserves the right to make changes in product specification without notice or liability.  
All information is subject to TT electronics' own data and is considered accurate at time of going to print.