

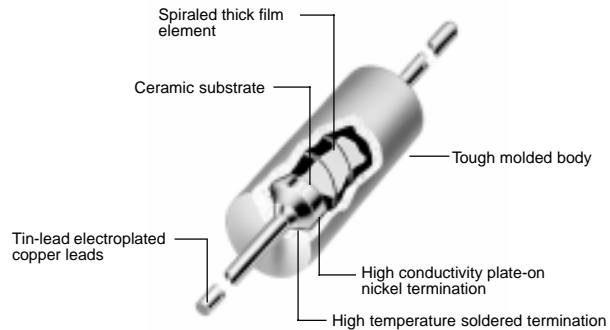
THICK FILM SEMI-PRECISION METAL GLAZE™ 2-3 WATT RESISTOR

ISO-9001
Registered



GS-3 SERIES

- 1 ohm to 3M ohm
- 3 watts @ 25°C, 2 watts @ 70°C
- ±1%, 2%, and 5% tolerance
- High surge strength
- Effective as carbon composition replacement

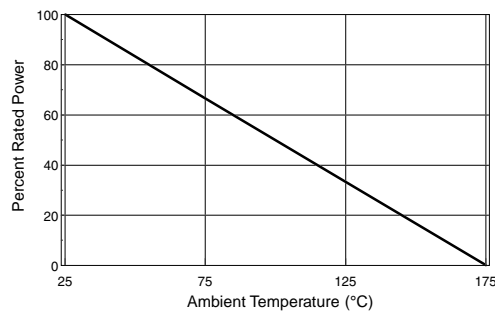


SPECIFICATIONS:

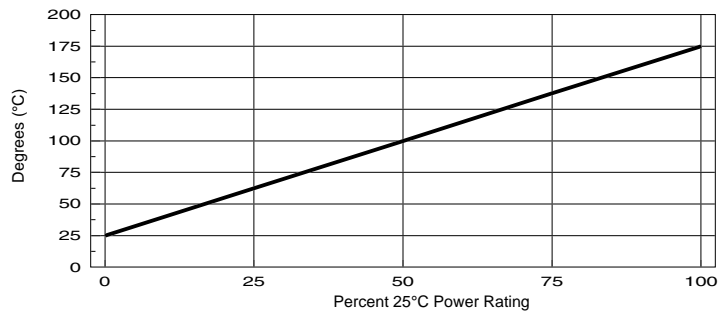
Power Rating	3W @ 25°C 2W @ 70°C
Resistance Range	1 ohm to 3M ohm
Tolerance	±1%, 2%, and 5%
Leads	Tin-lead electroplated copper
TCR	±50(T2) ppm/°C - (available on values greater than 10 ohms) ±100(T0) ppm/°C ±200 ppm/°C
Voltage Rating	1000V max.
Dielectric Strength	1000V min.
Identification	Printed style

Test		Maximum ΔR Limits			
		MIL-R-26	MIL-R-10509-D	MIL-R-22684	GS-3
Load Life	%ΔR	0.50	1.0	2.0	2.0
TCR ppm		30	100 (T0)	200	100/50
STOL	%ΔR	0.20	0.50	0.50	0.20
Moisture	%ΔR	0.20	1.50	1.5	0.40
Temp. Cycle	%ΔR	0.20	0.50	-	0.20
Solder Effect	%ΔR	-	0.50	0.50	0.20
Term. Strength	%ΔR	0.10	0.20	0.50	0.10
Shock	%ΔR	0.10	0.50	0.50	0.10
Vibration	%ΔR	0.10	0.50	0.50	0.10

DERATING CHART:



HOT SPOT TEMPERATURE +25°C AMBIENT



HOW TO ORDER:

Sample Part No.: **GS-3 T0 1002 F**

MIL Style

GS=Fixed Film Resistor.
High Stability

Power Rating

3=3 watt

T.C. Characteristics

T0=±100 ppm/°C
T2=±50 ppm/°C- (available on values greater than 10 ohms)

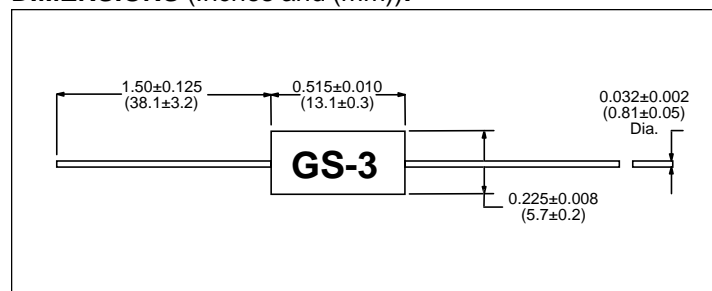
Resistance

First three digits represent significant figures;
fourth digit is number of zeros.

Tolerance

F=±1%, G=±2%, J=±5%

DIMENSIONS (Inches and (mm)):



WIREWOUND AND FILM TECHNOLOGIES DIVISION

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