TYPICAL PERFORMANCE SPECIFICATIONS

- Operating Temp.: -55\(^\circ\)C to +175\(^\circ\)C
- Dielectric Strength: 250V Min.
- Short-time Overload: 5x rated W, 5 Sec
- Moisture Resistance: 5%
- High Temp. Exposure: 2%
- Load Life (1000 hours): 1%
- Temperature Cycling: 5%
- Shock and Vibration: 1%

DERATING CURVE

<table>
<thead>
<tr>
<th>Resistance (ohms)</th>
<th>Available Tolerances</th>
<th>Standard Temp Coef. (Optional TC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>.001 - .0049</td>
<td>1% - 10%</td>
<td>600ppm/°C (300, 200, 100, 50ppm)</td>
</tr>
<tr>
<td>.005 - .0099</td>
<td>.5% - 10%</td>
<td>600ppm/°C (200, 100, 50, 25ppm)</td>
</tr>
<tr>
<td>.01 - .024</td>
<td>.25% - 10%</td>
<td>200ppm/°C (100, 50, 25ppm)</td>
</tr>
<tr>
<td>.025 - .049</td>
<td>.1% - 10%</td>
<td>150ppm/°C (100, 50, 25ppm)</td>
</tr>
<tr>
<td>.05 - .099</td>
<td>.05% - 10%</td>
<td>90ppm/°C (50, 25, 15ppm)</td>
</tr>
<tr>
<td>.1 - .99</td>
<td>.02% - 10%</td>
<td>50ppm/°C (25, 15, 10ppm)</td>
</tr>
<tr>
<td>1 Ohm and above</td>
<td>.01% - 10%</td>
<td>30ppm/°C (20, 10, 5ppm)</td>
</tr>
</tbody>
</table>

RCD’s Series SF resistors feature an all-welded “Kelvin” 4-terminal design in a surface mount package, reducing the effects of lead resistance. High-temperature case provides excellent environmental protection. Series SF utilizes the same technology as our popular Series LVF leaded resistors with over 30 years of proven experience.

P/N DESIGNATION:

RCD Type (SF1 or SFG2): Options: X,E, etc. (leave blank if standard)

Resis. Code .01% -1%: 3 significant figures & multiplier, R001 = .001Ω, R010 = .01Ω, R100 = .1Ω, R10 = .1Ω, R100 = 1Ω, R1000 = 10Ω, 1000Ω = 10Ω, 10,000Ω = 10Ω, 1 = 1KΩ.

Resis. Code 2% - 10%: 2 significant figures & multiplier, R001 = .001Ω, R010 = .01Ω, R100 = .1Ω, R10 = .1Ω, R1000 = 10Ω, 1000Ω = 10Ω, 10,000Ω = 10Ω, 1 = 1KΩ. Use extra digits as needed (R0125, R0075, etc).

Tolerance Code: K=10%, J=5%, H=3%, G=2%, F=1%, D=0.5%, C=0.25%, B=0.1%, A=0.05%, Q=0.02%, T=0.01%

Packaging: B = Bulk, T = Tape & Reel

Optional TC (leave blank for std): 5=5ppm, 10=10ppm, 20 = 20ppm, etc; 100ppm and above use 3-digit code: 101 = 100ppm, 201 = 200ppm, etc.

Termination: W= Lead-free, Q= Tin/Lead (leave blank if either is acceptable, in which case RCD will select based on lowest price and quickest delivery.

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FA060A Sale of this product is in accordance with GF-061. Specifications subject to change without notice.