

## Features

- Non-Magnetic chip resistors by copper plating on middle termination.
- Non-Magnetic chip resistors pass 3000 gauss magnetic detection.
- Compatible with flow and reflow soldering.
- Suitable for lead free soldering.
- Meet RoHS compliant.
- RoHS compliant & Halogen Free.

## Applications

- Medical equipment.
- Automotive industry.
- MRI industry.
- Measurement instrument.

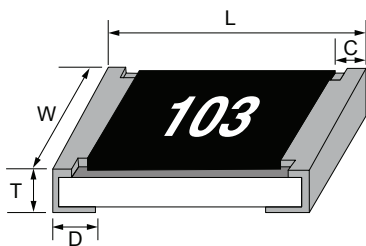
## Part Number

Type	Size	Tolerance	Packing	-	GM
<b>FGF</b>	<b>03:</b> 0603 <b>05:</b> 0805 <b>06:</b> 1206	<b>F:</b> ±1% <b>J:</b> ±5%	<b>T:</b> Paper tape – 5 Kpcs <b>V:</b> Paper tape – 10 Kpcs <b>W:</b> Paper tape – 20 Kpcs		<b>1002</b>

## Rating

Type	Size	Power Rating at 70°C	Max. RCWV	Max. Overload Voltage	Resistance Tolerance (%)	Temperature Coefficient (TCR; ppm/°C)	Resistance Range		Standard Resistance Values
							Min.	Max.	
FGF03	0603	1/10W	50V	100V	±1%(F)	±100	1Ω	10MΩ	E-96
					±5%(J)	±200	0Ω&1Ω	10MΩ	E-24
FGF05	0805	1/8W	150V	300V	±1%(F)	±100	1Ω	10MΩ	E-96
					±5%(J)	±200	0Ω&1Ω	10MΩ	E-24
FGF06	1206	1/4W	200V	400V	±1%(F)	±100	1Ω	10MΩ	E-96
					±5%(J)	±200	0Ω&1Ω	10MΩ	E-24

## Dimension and Construction



unit: mm

Type	L	W	C	D	T
0603	1.60±0.10	0.80±0.10	0.30±0.20	0.30±0.20	0.45±0.10
0805	2.00±0.10	1.25±0.10	0.40±0.20	0.40±0.20	0.50±0.10
1206	3.10±0.10	1.60±0.10	0.50±0.20	0.50±0.25	0.55±0.10

## Power Derating Curve

