

## Features

- High power rating and compact size.
- High reliability and stability.
- Reduced size of final equipment.
- Lead free product is upon customer requested.
- Meet AEC-Q200, RoHS compliant & Halogen Free.

## Applications

- Power supply.
- PDA.
- Digital meter.
- Computer.
- Automotives.

## Part Number

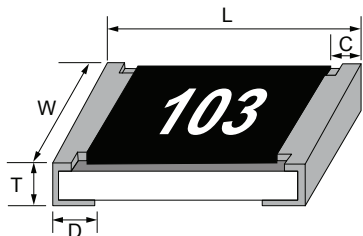
Type	Size	Tolerance	Packing	-	GM
<b>FPF</b>	<b>03:</b> 0603 <b>05:</b> 0805 <b>06:</b> 1206 <b>12:</b> 1210 <b>20:</b> 2010 <b>25:</b> 2512	<b>F:</b> ±1% <b>J:</b> ±5%	<b>T:</b> Paper tape – 5 Kpcs <b>V:</b> Paper tape – 10 Kpcs <b>W:</b> Paper tape – 20 Kpcs <b>P:</b> Plastic tape – 4 Kpcs <b>X:</b> Plastic tape – 8 Kpcs <b>Y:</b> Plastic tape – 16Kpcs		<b>301</b>

## Rating

### Standard Type

Type	Size	Power Rating at 70°C	Max. RCWV	Max. Overload Voltage	Resistance Tolerance (%)	Temperature Coefficient (ppm/°C)	Resistance Range		Standard Resistance Values
							Min.	Max.	
FPF03	0603	1/8W	50V	100V	±1%(F)	±100	10Ω	1MΩ	E96/E24
					±1%(F)	±200	1Ω	9.76Ω	E96/E24
					±5%(J)	±200	1Ω	1MΩ	E24
FPF05	0805	1/4W	150V	300V	±1%(F)	±100	10Ω	1MΩ	E96/E24
					±1%(F)	±150	1Ω	9.76Ω	E96/E24
					±5%(J)	±200	1Ω	1MΩ	E24
FPF06	1206	1/2W	200V	400V	±1%(F)	±100	1Ω	1MΩ	E96/E24
					±5%(J)	±200	1Ω	1MΩ	E24
FPF12	1210	1/2W	200V	400V	±1%(F)	±100	1Ω	1MΩ	E96/E24
					±5%(J)	±200	1Ω	1MΩ	E24
FPF20	2010	1W	200V	400V	±1%(F)	±100	1Ω	1MΩ	E96/E24
					±5%(J)	±200	1Ω	1MΩ	E24
FPF25	2512	2W	300V	600V	±1%(F)	±100	1Ω	1MΩ	E96/E24
					±5%(J)	±200	1Ω	1MΩ	E24

## Dimension and Construction



unit: mm

Type	L	W	C	D	T
FPF03	1.60±0.10	0.80±0.10	0.30±0.20	0.30±0.20	0.45±0.10
FPF05	2.00±0.10	1.25±0.10	0.40±0.20	0.40±0.20	0.50±0.10
FPF06	3.10±0.10	1.60±0.10	0.50±0.25	0.50±0.25	0.55±0.10
FPF12	3.10±0.10	2.60±0.10	0.50±0.25	0.50±0.25	0.55±0.10
FPF20	5.00±0.20	2.50±0.20	0.65±0.25	0.60±0.25	0.60±0.10
FPF25	6.30±0.20	3.10±0.20	0.60±0.25	1.80±0.25	0.60±0.15

## Power Derating Curve

