

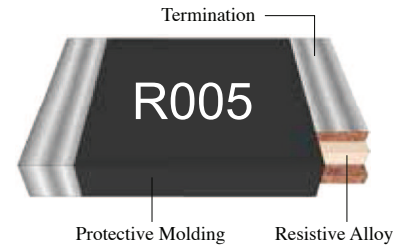
FMF Metal Strip Type Lead Free Current Sensing Resistors

Features

- High power rating and low TCR.
- Low resistance and high precision (1%).
- Inductance less than 1.0nH.
- Excellent reliability and suitable cost.
- Suitable for lead free soldering.
- RoHS compliant & Halogen Free.

Applications

- Switching model power supply.
- Battery pack.
- Notebook, Tablet PC.
- Test Instrument.
- Power Amplifier.



Part Number

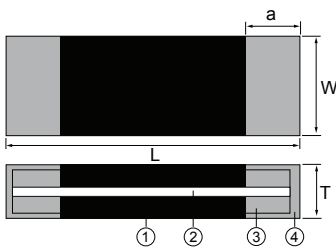
Type	Size	Tolerance	Packing	Watt	R Value	-	Special Code
FMF	05: 0805 06: 1206 25: 2512 59: 5931	F: ±1% G: ±2% J: ±5%	T: Paper Tape 5Kpcs (For 0805) 4Kpcs (For 1206) P: Plastic Tape 4Kpcs (For 2512) Q: Plastic Tape 3Kpcs (For 5931)	F: 1/2W H: 1W J: 2W M: 5W D: 1/4W	XXXX 4 digit		L: Standard B: Low EMF 0805: LH: Standard BH: Low EMF

Rating

Type	Rating	Power Rating at 70°C	Max Working Voltage (mV)	Max Overload Voltage (mV)	Resistance Tolerance (%)	Temperature coefficient of Resistance (ppm/°C)	Resistance (mΩ)
FMF05 0805		0.25W	71	158	±1%(F) ±2%(G) ±5%(J)	±100	5,10,20
		0.5W	100	224			
FMF06 1206		0.5W	112	250	±1%(F) ±2%(G) ±5%(J)	±70	5,10,15,20,25
		1W	158	354			
FMF25 2512		1W	224	500	±1%(F) ±2%(G) ±5%(J)	±100	3
		2W	224	500			
FMF59 5931		5W	158	354	±1%(F) ±2%(G) ±5%(J)	±100	2,3
						±70	5

Dimension and Construction

unit: mm



Type	L	W	T	a
FMF05	5~20m	2.00±0.15	1.20±0.15	0.45±0.15
FMF06	5m~25m	3.10±0.20	1.65±0.20	0.60±0.20
FMF25	3m~50m	6.20±0.20	3.20±0.20	0.60±0.20
FMF59	2m,3m,5m	15.0±0.20	7.80±0.20	0.70±0.20

Item	Protective Molding	Resistive Element	Internal Terminal	External Terminal
Material	Resin	Alloy Metal	Copper	Solder

Power Derating Curve

