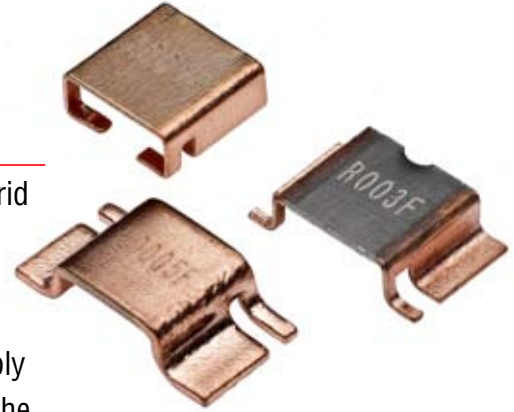


FK/GK Series

Metal Alloy Low-Resistance Chip Resistor



FEATURES

- Power rating up to 5 watt
- 4-terminal connection
- Excellent long-term stability
- Ideal for mounting on DCB/IMS substrate
- RoHS compliant

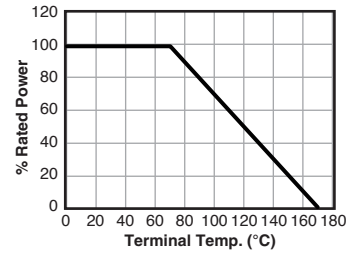
APPLICATIONS

- Current sensor for power hybrid applications
- Frequency converters
- Power modules
- Automatic control power supply
- High current applications for the automotive market

CHARACTERISTICS

Resistance	0.3mΩ to 3mΩ
Tolerance	1%
Power	5 watts @70°C
TCR	Manganin: $\leq \pm 70$ ppm/K Karma: $\leq \pm 40$ ppm/K (20°~120°C)
Oper. temp. range	-55 to +155°C
Stability	<1.0% (in covered condition)
Termination and Material	FKM Folded Term, Manganin FKK Folded Term, Karma GKM Gullwing Term, Manganin GKK Gullwing Term, Karma

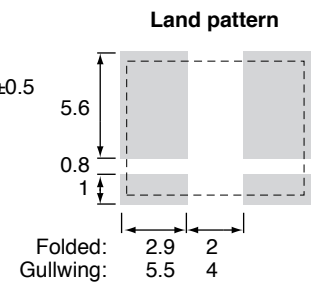
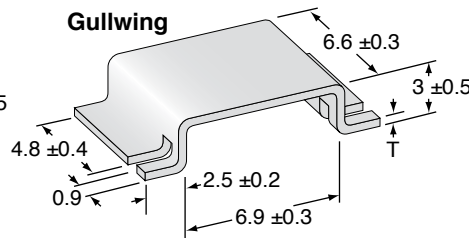
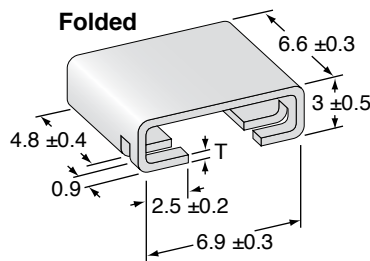
Derating



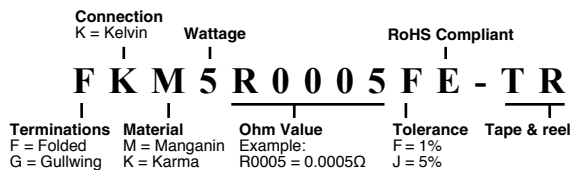
DIMENSIONS

(mm)

Material	Res. (mΩ)	T ±0.1
Manganin	0.3	1.06
Manganin	0.5	0.67
Manganin	1	0.33
Karma	2	0.47
Karma	3	0.34



ORDERING INFORMATION



Standard part numbers

Part number	Power	Tolerance	Resistance	Qty./reel (pcs)
FKM5R0005FE-TR	5W	1%	0.0005Ω	1,000
FKM5R0010FE-TR	5W	1%	0.001Ω	1,000
FKK5R0020FE-TR	5W	1%	0.002Ω	1,000
FKK5R0030FE-TR	5W	1%	0.003Ω	1,000
GKM5R0003FE-TR	5W	1%	0.0003Ω	1,000
GKM5R0005FE-TR	5W	1%	0.0005Ω	1,000
GKM5R0010FE-TR	5W	1%	0.001Ω	1,000
GKK5R0020FE-TR	5W	1%	0.002Ω	1,000
GKK5R0030FE-TR	5W	1%	0.003Ω	1,000

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Other Similar products are found below :

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[PF2512FKF7W0R033L](#) [CD2015FC-0.10-1%](#) [PR2512FKF7W0R004L](#) [RC1005F124CS](#) [RL73K3AR56JTDF](#) [RL7520WT-R001-F](#)
[RL7520WT-R009-G](#) [RLP73N1ER43JTD](#) [LRC-LR2512LF-01-R820J](#) [WR06X104JGLJ](#) [TL2BR01F](#) [65709-330](#) [SP1R12J](#) [RL7520WT-R039-](#)
[G](#) [PF1206FRF7W0R02L](#) [RL7520WT-R002-F](#) [RL7520WT-R047-F](#) [KRL1632E-C-R200-F-T5](#) [KRL1632E-C-R200-F-T1](#) [Y14880R02000B9R](#)
[RLP73M1ER051FTDF](#) [RLP73M2AR051FTDF](#) [RLP73M2AR075FTDF](#) [RLP73K2A1R0FTDF](#) [RLP73M1JR051FTDF](#) [RLP73N1JR47FTDF](#)
[SR731ERTTP5R10F](#) [SR731ERTTP100J](#) [SR731ERTTP6R80F](#) [SR731ERTTP4R70F](#) [SR731ERTTP2R20F](#) [SR731ERTTP3R90F](#)
[SR731ERTTP1R00F](#) [SR731ERTTP10R0F](#) [SR731ERTTP2R00F](#) [SR731ERTTP8R20F](#) [SR731ERTTP3R9J](#) [SR731ERTTP8R2J](#)
[SR731ERTTP2R0J](#) [SR731ERTTP4R7J](#) [SR731ERTTP9R1J](#) [SR731ERTTP1R0J](#) [SR731ERTTP2R2J](#) [SR731ERTTP5R1J](#)