

KWK RESISTORS INDIA

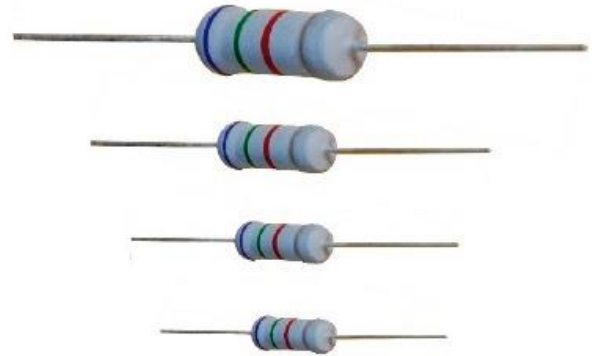


KMG SERIES - METAL GLAZE RESISTORS - AXIAL TYPE

The KMG series are Metal glazed axial resistors. This series are particularly useful for high voltage applications in electronic circuits.

Features:

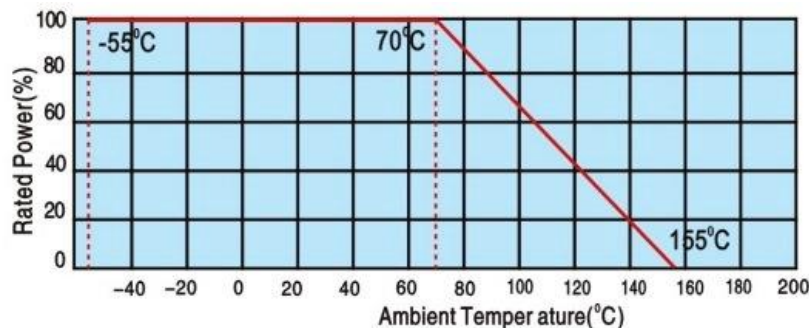
- Very high resistance up to 10GΩ.
- Wide range of resistance values available.
- Good electrical stability, reliability and mechanically very rigid.
- Flameproof coating.



ELECTRICAL SPECIFICATIONS

Characteristics	Condition	Compliance
Tolerance		±1%, ±2% & ±5%
Temperature Coefficient		± 200PPM/°C
Insulation Resistance		>10 ⁴ MΩ
Change in resistance Short time overload Load Life Temperature Cycling Moisture Load Life Resistance to soldering heat	@70°C	± (1% + 0.05Ω) ± (5% + 0.05Ω) ± (1% + 0.05Ω) ± (5% + 0.05Ω) ± (1% + 0.05Ω)
Solderability (where applicable)		>95%

POWER DERATING CURVE

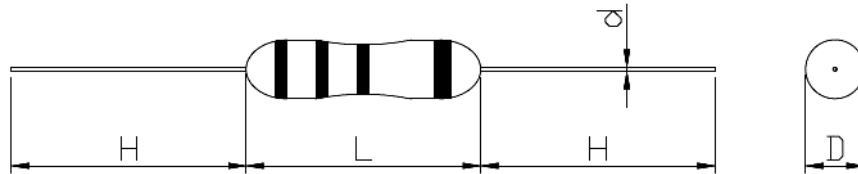


KWK RESISTORS INDIA



KMG SERIES - METAL GLAZE RESISTORS - AXIAL TYPE

RESISTANCE RANGE AND DIMENSIONAL DETAILS



Note: All dimension are in mm.

Series	Rated Power (W)	Max. Working Voltage (V)	Max. Overload Voltage (V)	Dielectric withstand Voltage (V)	Resistance Range	L	D	d	H
KMG1/4	0.25	1000	1500	500	100Ω - 10GΩ	6.5 ±0.50	2.3 ±0.30	0.43 ±0.02	25±3
KMG1/2	0.5	1500	2000	600	100Ω - 10GΩ	9.0 ±1.00	3.2 ±0.50	0.50 ±0.02	25±3
KMG1	1	2500	3000	1000	100Ω - 10GΩ	12.0 ±1.00	4.5 ±0.50	0.65 ±0.02	25±3
KMG2	2	3500	5000	1000	100Ω - 10GΩ	15.5 ±1.00	5.0 ±1.00	0.72 ±0.02	25±3
KMG3	3	5000	7000	1000	100Ω - 10GΩ	17.5 ±1.00	6.0 ±1.00	0.72 ±0.02	25±3
KMG5	5	7000	10000	1000	100Ω - 10GΩ	24.5 ±1.00	8.5 ±1.00	0.75 ±0.02	25±3

ORDERING DETAILS

KMGseries R T P

KMGseries - Series Model #

R - Resistance Value (E-24,12series e.g.: 0R12=0.12Ω, 120R=120Ω, 1K2=1.2kΩ, 12M=12MΩ)
 T - Tolerance Code (±1% - F, ±2% - G, ±5% - J)
 P - Packing (S-Bulk (Straight), M-Bulk M-Form series (Horizontal Forming), U-Bulk U-Form series (Vertical Forming), Txx- Boxed (25,52,63,73,83mm width taping), U/T-Radial Taping).

Disclaimer: Product specifications, data and dimensions are subject to change without any prior notice to improve performance, reliability and design.

Example: KMG1/4 10K J T63— KMG1/4 10K 5% with T63 packaging

Please feel free to contact us for any assistance required to choose the right solution. We are also able to design Custom Resistive Solutions.

KWK Resistors India Pvt. Ltd.

Reg. Office: B-81, Industrial Estate, Rajajinagar, Bengaluru-560044.India

Works: #72, 3rd main, 2nd stage, Industrial suburb, Yeshwanthpur, Bengaluru-560022.India

Ph.:+91-80-23370038, Tele/Fax:+91-80-23370046 Email: contact@kwk-resistors.in

www.kwk-resistors.in

2 of 2



**BUREAU
VERITAS**

KWKCAT23 R00