

KWK RESISTORS INDIA



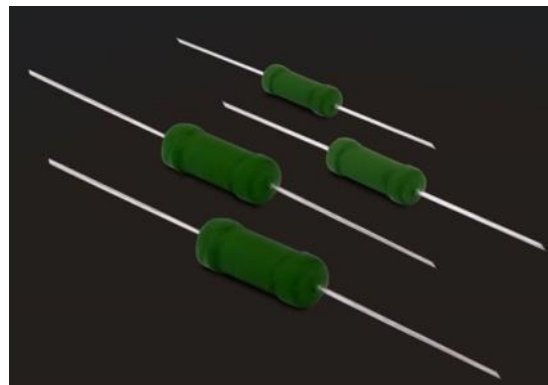
KSA SERIES - SILICON COATED RESISTORS - AXIAL TYPE

The KSA series is a range of high stability, Wire Wound Power Resistors with Non flammable Silicon Cement Coating designed for continuous power electronic applications.

A wide range of resistance values are available in this series of Resistors. Customization on termination and mounting can be done with ease.

Features:

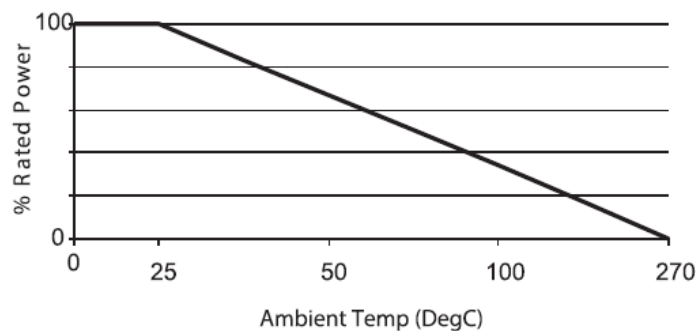
- Wide range of resistance values available.
- Non-inductive versions on offer.
- High thermal capacity - suitable for high pulse applications.
- Good electrical stability, reliability and mechanically very rigid.
- Custom termination possible.



ELECTRICAL SPECIFICATIONS

Characteristics	Condition	Compliance
Tolerance	R value < 1Ω R value > 1Ω	±5% & ±10% ±1%, ±2% & ±5%
Temperature Coefficient		< ± 100PPM/°C
Insulation Resistance	Dry/Normal @500V DC	>1000MΩ
Change in Resistance Rated Load Short term overload Load life	Rated Load for 30 mins at room temp 5 x Rated power for 5 secs Rated wattage 1.5 Hour ON - 0.5 Hour OFF Cycles for 1000 Hours	< ± (2% + 0.05Ω) < ± (2% + 0.05Ω) < ± (5% + 0.05Ω)
Solvent	IPA	No effect on marking
Solderability	350°C for 2 to 3sec	95% coverage

POWER DERATING CURVE

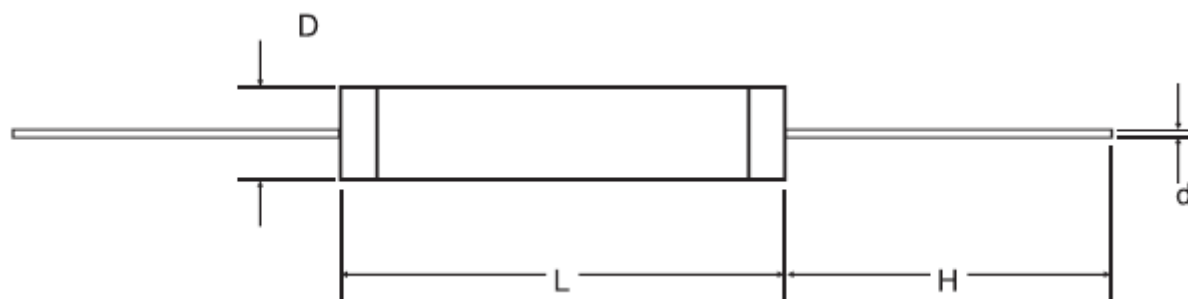


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RESISTANCE RANGE AND DIMENSIONAL DETAILS



Note: All dimension are in mm.

Series	Rated Power (W)	Resistance Range	L ± 2	D ± 1	d ± 0.1	H ± 3	Max Working Voltage
KSA5	5	R10-20K	23	7	0.8	38	200
KSA6	6	R10-27K	23	8	0.8	38	200
KSA7	7	R10-36K	33	8	0.8	38	500
KSA10	10	R10-56K	43	8	0.8	38	750
KSA12	12	R10-68K	54	8	0.8	38	750
KSA15	15	R10-91K	63	9	0.8	38	750

ORDERING DETAILS

KSAseries R T

KSAseries - Series Model #
 R - Resistance Value
 T - Tolerance Code ($\pm 1\%$ - F, $\pm 2\%$ - G, $\pm 5\%$ - J, $\pm 10\%$ - K)

Example: KSA1010RJ - KSA10 10R $\pm 5\%$

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

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