

# 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 general purpose continuous power applications.

A wide range of resistance values are available in this series of Resistors. Non-Inductive versions are also offered in this series .

### Features:

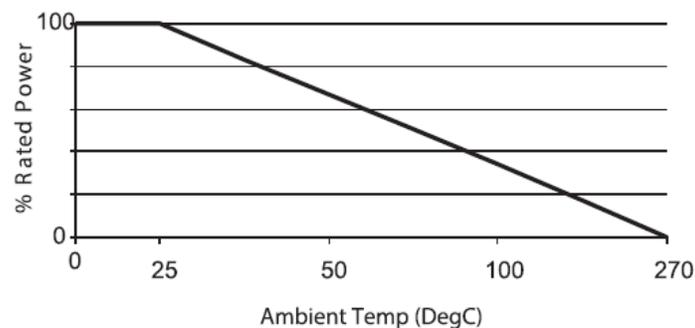
- Wide range of resistance values available.
- Non-inductive versions on offer.
- Good electrical stability, reliability and mechanically very rigid.
- Custom termination & mounting arrangements possible.
- RoHS Compliant



## ELECTRICAL SPECIFICATIONS

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

## POWER DERATING CURVE

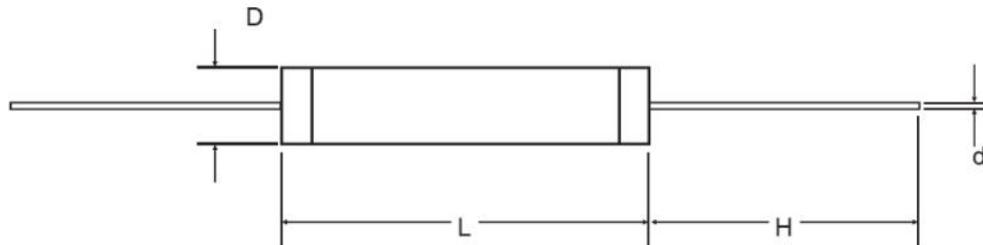


# KWK RESISTORS INDIA



## KSA SERIES - SILICON COATED RESISTORS - AXIAL TYPE

### RESISTANCE RANGE AND DIMENSIONAL DETAILS



*Note: All dimension are in mm.*

Series	Rated Power (W)	Resistance Range	L max	D max	d ±0.1	H min	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

KSRseries - Series Model #  
 R - Resistance Value  
 T - Tolerance Code (±1% - F, ±2% - G, ±5% - J)

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

Example: KSA510RJ - KSA5 10R ±5%

*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



**BUREAU  
VERITAS**