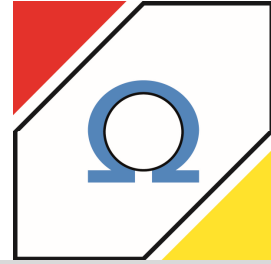


KWK RESISTORS INDIA



KVA SERIES - VITREOUS ENAMELLED RESISTORS - AXIAL TYPE

The KVA series is a range of high stability, Wire Wound Power Resistors with Vitreous Enamel Coating designed for Railways and General electrical application.

A wide range of resistance values are available in this series of Resistors.

Features:

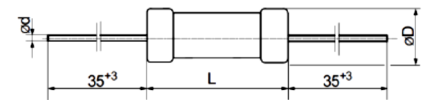
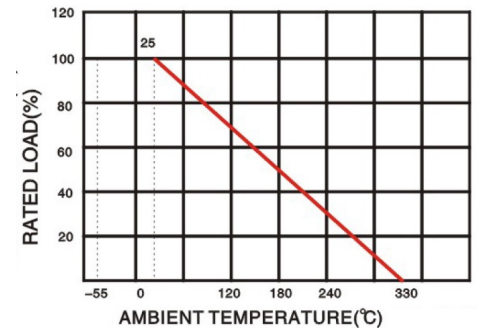
- High Loading Capacity at low dimensions.
- High Durability.
- Low Temperature Coefficient.



ELECTRICAL AND MECHANICAL SPECIFICATIONS

POWER DERATING CURVE

Characteristics	Condition	Compliance
Continuous Power	Rated power @25°C Ambient	< ± (5% + 0.05Ω)
Tolerance	-	±2%, ±5%, ±10%
Temperature Coefficient	-	≤250PPM/°C
Insulation Resistance	Dry/Normal @500V DC	>1000MΩ
Short term overload	5 x Rated voltage for 5 sec	< ± (2% + 0.05Ω)
Load Life	1000 Hrs	< ± (5% + 0.05Ω)
Terminal Strength		10N for 5W; 20N for >5W
Solderability (where applicable)	235°C for 2 to 3sec	95% coverage



Series	Rated Power @25°C (in W)			Rated Power @70°C (in W)			Resistance Range	Limiting Voltage	L	D	d
	Surface Temp. = 250°C	Surface Temp. = 350°C	Surface Temp. = 400°C	Surface Temp. = 250°C	Surface Temp. = 350°C	Surface Temp. = 400°C					
KVA5	2.0	4.0	5.0	1.5	3.0	4.0	1R5 - 8K2	100V	14.0	5.5	0.8
KVA10	3.5	7.0	10.0	2.7	5.5	7.0	1R5 - 15K	200V	22.0	5.5	0.8
KVA15	5.6	11.5	15.0	4.2	8.7	11.5	1R5 - 22K	300V	30.0	8.0	0.8
KVA20	8.5	15.0	20.0	7.0	12.0	15.0	2R4 - 39K	500V	50.5	9.0	0.8
KVA25	11.0	19.5	25.0	7.8	15.0	19.0	2R4 - 56K	500V	50.5	12.5	0.8

ORDERING DETAILS

KVAseries R T

KVAseries - Series Model #
R - Resistance Value
T - Tolerance Code (±2% - G, ±5% - J, ±10% - K)

Example: KVA5 1R5 J - KVA5 1.5 Ω ±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.

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