

KWK RESISTORS INDIA



KSR SERIES - SILICON COATED RESISTORS - RADIAL TYPE

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

A wide range of resistance values are available in this series of Resistors. Non-Inductive and Variable type resistors are also offered in this series .

Customization on termination and mounting can be done with ease.

Features:

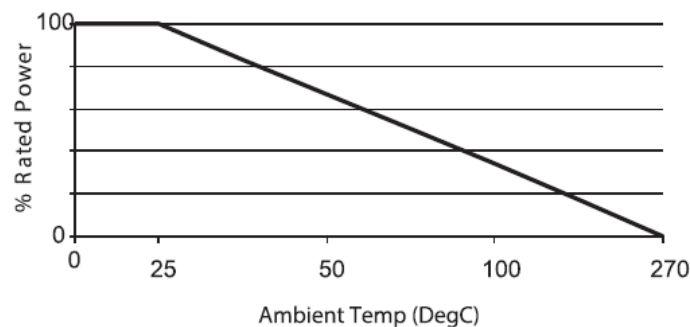
- Wide range of resistance values available.
- Fixed, Variable and Non-inductive versions on offer.
- High thermal capacity - suitable for high pulse applications.
- Good electrical stability, reliability and mechanically very rigid.
- Custom termination & mounting arrangements possible.



ELECTRICAL SPECIFICATIONS

Characteristics	Condition	Compliance
Continuous Power	Rated power @25°C	<272°C temperature on surface
Tolerance	R value < 1Ω R value > 1Ω	±5% & ±10% ±1%, ±2%, ±5% & ±10%
Temperature Coefficient		< ± 120PPM/°C
Insulation Resistance	Dry/Normal @500V DC	>100MΩ
Change in Resistance Short term overload Load life	10 x Rated Power for 5 secs Rated wattage 1.5 Hour ON - 1.5 Hour OFF for 1000 Hours	< ± (2% + 0.05Ω) < ± (1% + 0.05Ω)
Operating Temperature	-25°C to 250°C	
Solderability (where applicable)	350°C for 2 to 3sec	95% coverage

POWER DERATING CURVE

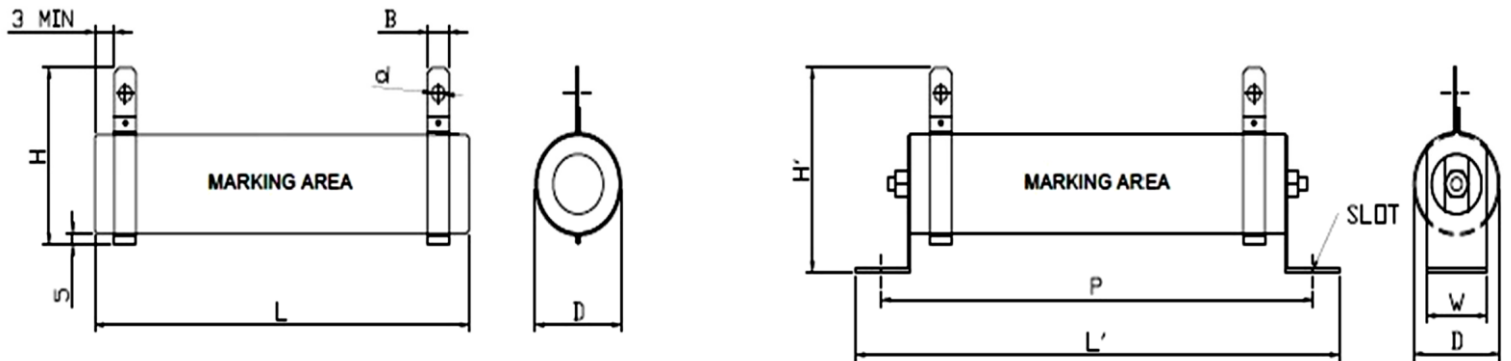


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RESISTANCE RANGE AND DIMENSIONAL DETAILS



Note: All dimension are in mm.

Series	Rated Power (W)	Resistance Range	L ± 2	D ± 2	d ± 0.5	H ± 2	B ± 1	L' ± 2	H' ± 2	W ± 1	P ± 2	Slot
KSR25	25	1R0-100K	50	20	3.2	42	8	90	51	19	75	5x8
KSR50	50	1R0-100K	75	20	3.2	42	8	115	51	19	100	5x8
KSR75	75	1R0-100K	100	20	3.2	42	8	140	51	19	125	5x8
KSR100	100	1R0-100K	120	38	5.2	67	10	170	80	28	148	7x12
KSR150	150	1R0-100K	160	38	5.2	67	10	210	80	28	188	7x12
KSR200	200	1R0-100K	178	38	5.2	67	10	228	80	28	206	7x12
KSR300	300	1R0-25K	300	38	5.2	67	10	350	80	28	328	7x12
KSR400	400	1R0-25K	300	55	5.2	85	12	350	112	44	328	7x12
KSR500	500	1R0-25K	350	55	5.2	85	12	400	112	44	378	7x12
KSR800	800	1R0-2K5	500	55	5.2	85	12	550	112	44	528	7x12
KSR1000	1000	1R0-2K5	600	55	5.2	85	12	650	112	44	628	7x12

ORDERING DETAILS

KSR series R T Y

KSR series - Series Model #
 R - Resistance Value
 T - Tolerance Code ($\pm 1\%$ - F, $\pm 2\%$ - G, $\pm 5\%$ - J, $\pm 10\%$ - K)
 M - With Mounting
 Y - Type of Termination (D- Solderable, S - Stainless Steel, F - Fasten 6.3 Terminal)

Example: KSR10010RJMD - KSR100 10R $\pm 5\%$ with Mounting and Solderable Terminals

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.

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



KWKCAT04 R03