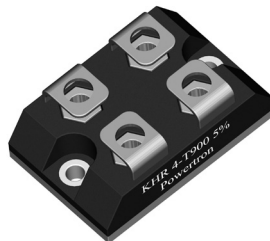
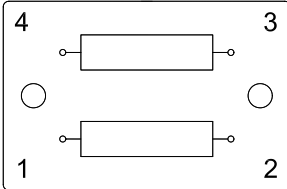
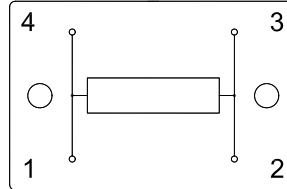


FEATURES

- Resistances from 100Ohm to 1kOhms
- Power Rating to 900Watt
- Resistance Tolerances to $\pm 10\%$
- TCR to $\pm 100\text{ppm/K}$
- TO-227 (TO-238) Housing



RoHS*
COMPLIANT

TABLE 1 – SPECIFICATIONS			
TYPE		KHR 4-T600	KHR 4-T900
Resistance Range		50 Ohm to 300 Ohm	50 Ohm to 1kOhm
Power Rating	With heatsink	600 W	900 W
			
Tolerances		$\pm 10\%$ other Tolerances upon request	
Thermal Resistance		0.22 K/W	0.15 K/W
Temperature Coefficient		$\pm 100\text{ppm/K}$	
Short Time Overload		Rated Power x 2.5 (2.5 seconds monted on heatsink)	
Maximum Voltage		$E = \sqrt{P \times R}$	
Load Life		1%	
Voltage Proof		2.5kVAC	
Operating Temperature Range		-55 to 155°C	
Resistor Material		Thinfilm	
Substrate		AlN	
Housing		PCB	
Connector Material		Cu nickel plated	
Terminals		4	

ORDERING INFORMATION
Part Number - Resistance - Tolerance
KHR 4-T900 10.5 kOhms 10%

FIGURE 1 – TEMPERATURE COEFFICIENT

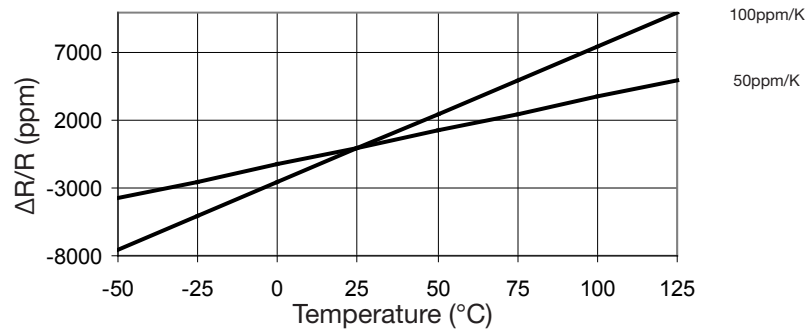


FIGURE 2 – DERATING

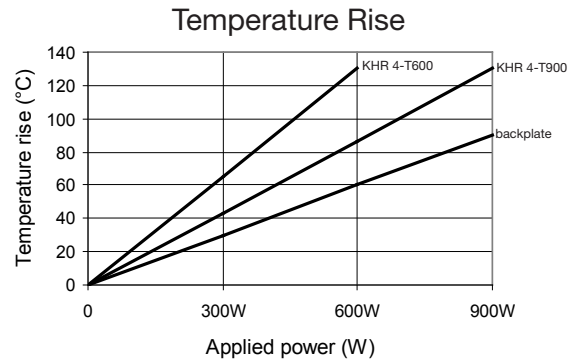
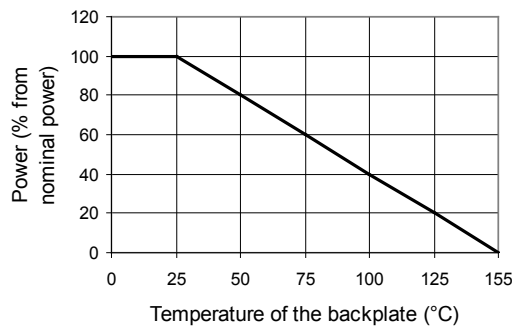
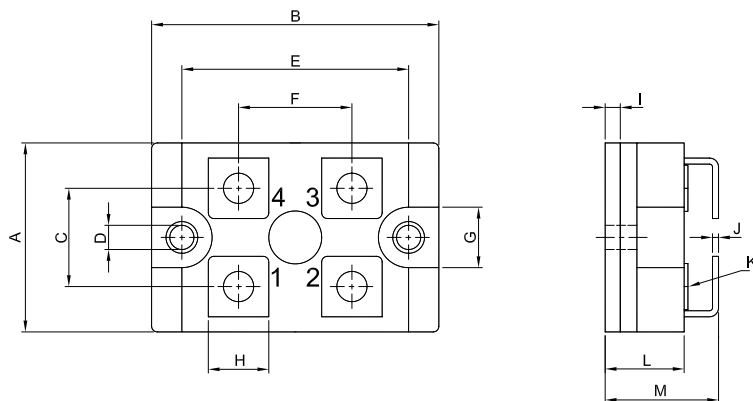


FIGURE 3 – DIMENSIONS in mm (inches)



Dimension	mm
A ±0.5 (±0.020)	25.00 (0.98)
B ±0.5 (±0.020)	38.00 (1.50)
C ±0.5 (±0.020)	13.00 (0.51)
D ±0.1 (±0.004)	3.20 (0.13)
E ±0.2 (±0.008)	30.00 (1.18)
F ±0.5 (±0.020)	15.00 (0.59)
G ±0.2 (±0.008)	8.00 (0.31)
H ±0.2 (±0.008)	8.00 (0.31)
I ±0.2 (±0.008)	2.00 (0.08)
J ±0.1 (±0.004)	0.80 (0.03)
K	M4
L ±0.2 (±0.008)	10.45 (0.41)
M ±1.0 (±0.040)	15.00 (0.59)



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