Features:

- Aluminum housing for maximum heat dissipation
- Complete welded construction
- 10-50W tinned copper terminals
- Centerless ground steatite or alumina cores
- Molded epoxy body for heat transfer
- Non-inductive winding available (NKAL)
- 100–250W threaded terminals
- RoHS compliant / lead-free

Electrical Specifications

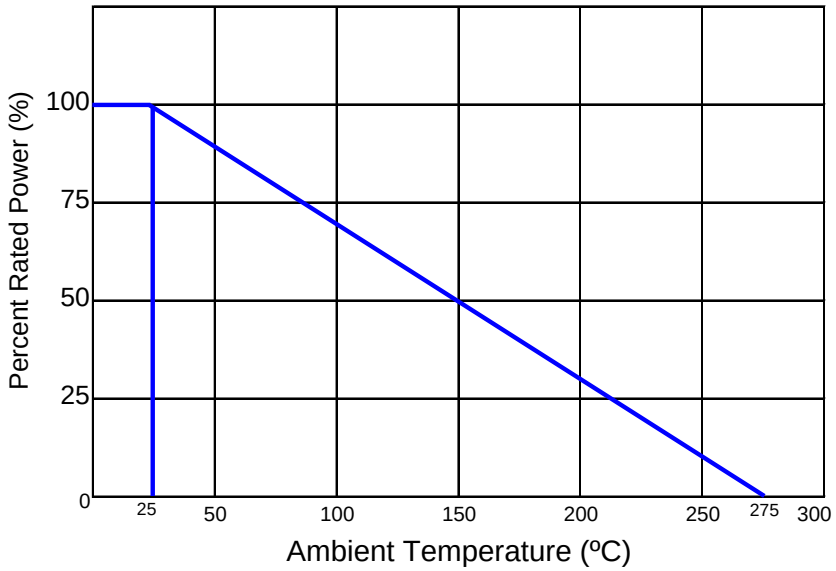
Type / Code	MIL-R-26 Ref.	Power Rating (Watts @ 25ºC)		Dielectric Withstanding Voltage	Ohmic Range (Ω) and Tolerance				
		Commercial	MIL		0.1%	0.5%	1%	3%	5%
KAL10	RE-65	12.5W	10W	1,000 VAC	1 - 1K	1 - 1K	0.05 - 30K		
KAL25	RE-70	25W	20W	3,000 VAC			0.05 - 51.1K		
KAL50	RE-75	50W	30W				0.05 - 150K		
KAL100	RE-77	100W	75W	2,500 VAC	-	0.4 - 50K	0.4 - 50K		
KAL250	RE-80	250W	120W			-	0.6 - 80K		

Temperature Coefficient Standard: ±100ppm below 0.1Ω, ±50ppm from 0.1Ω - 9.9Ω, ±30ppm from 10Ω - 49Ω, & ±20ppm above 50Ω

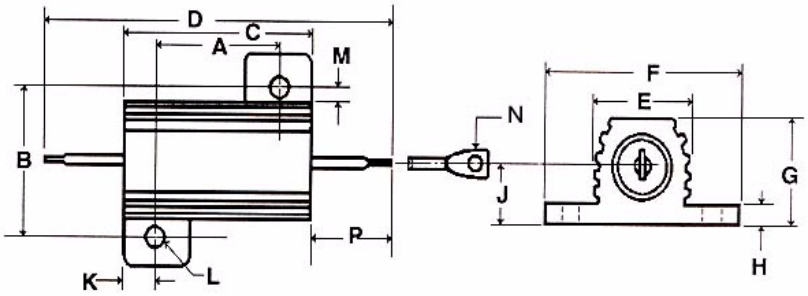
Performance Characteristics

Test	Test Conditions	Results
Short time Overload	5x wattage rating - 5 seconds	ΔR ± (0.5% + 0.05Ω) MAX
Moisture resistance	Temp 40ºC moisture 95% CDC 100V for 500 hours	ΔR ± (0.5% + 0.05Ω) MAX
Load life	Load rating (chasis is mounted) 1.5 hours ON, 0.5 hours OFF. Repeated for 1000 hours	ΔR ± (1.5% + 0.05Ω) MAX

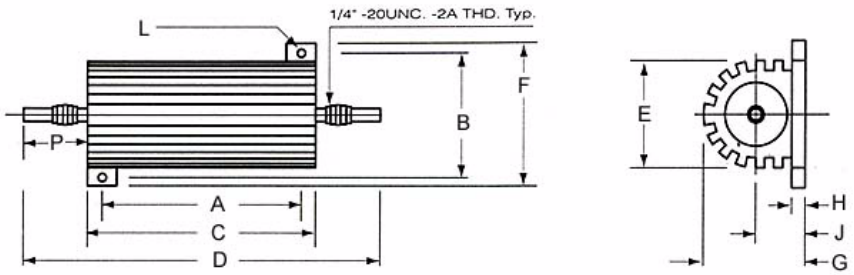
Power Derating Curve:



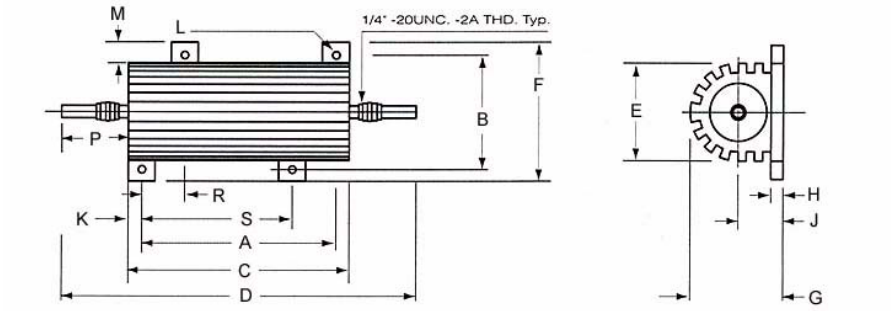
KAL 10-50



KAL 100



KAL 250



Mechanical Specifications

Type	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	Unit
Tolerance	±0.005 ±0.10	±0.005 ±0.10	±0.031 ±0.80	±0.062 ±1.60	±0.015 ±0.40	±0.015 ±0.40	±0.031 ±0.80	±0.010 ±0.30	±0.015 ±0.40	±0.010 ±0.30	±0.005 ±0.10	±0.015 ±0.40	±0.005 ±0.10	±0.062 ±1.60	±0.010 ±0.25	±0.010 ±0.25	inches mm
KAL10	0.562 14.27	0.625 15.88	0.750 19.05	1.375 34.93	0.420 10.67	0.800 20.32	0.390 9.91	0.075 1.91	0.190 4.83	0.093 2.36	0.093 2.36	0.102 2.59	0.086 2.18	0.312 7.92	-	-	inches mm
KAL25	0.719 18.26	0.781 19.84	1.062 26.97	1.938 49.23	0.550 13.97	1.080 27.43	0.546 13.87	0.088 2.24	0.260 6.60	0.172 4.37	0.125 3.18	0.115 2.92	0.086 2.18	0.438 11.13	-	-	inches mm
KAL50	1.563 39.70	0.844 21.44	1.968 49.99	2.781 70.64	0.630 16.00	1.140 28.96	0.610 15.49	0.088 2.24	0.300 7.62	0.196 4.98	0.125 3.18	0.107 2.72	0.086 2.18	0.410 10.41	-	-	inches mm
KAL100	2.750 69.85	2.250 57.15	3.500 88.90	5.480 139.19	1.890 48.01	2.810 71.37	2.180 55.37	0.190 4.83	0.960 24.38	0.370 9.40	0.190 4.83	0.290 7.37	-	0.990 25.15	-	-	inches mm
KAL250	3.870 98.30	2.500 63.50	4.500 114.30	7.000 177.80	2.130 54.10	3.000 76.20	2.190 55.63	0.250 6.35	0.960 24.38	0.310 7.87	0.190 4.83	0.250 6.35	-	1.250 31.75	0.870 22.10	3.000 76.20	inches mm

How to Order

1	2	3	4	5	6	7	8	9	10	11
K	A	L	1	0	F	B	1	0	K	0

Product Series	
KAL	Standard
NKAL	Non-inductive

Size	Power
10	10W
25	25W
50	50W
100	100W
250	250W

Tolerance	
Code	Tol
B	0.1%
D	0.5%
F	1%
H	3%
J	5%

Packaging			
Code	Description	Size	MOQ
B	Bulk	10	250
		25	250
		50	250
		100	60
		250	30

Resistance Value
Four characters with the multiplier used as the decimal holder.
10.2 Kohm = 10K2 1 Mohm = 1M00

Legacy Part Number (before January 3, 2011):

SEI Type	Code	Nominal Resistance	Tolerance	Packaging
KAL	10	10K	1%	B

Type	Description
KAL	Standard
NKAL	Non-Inductive

Code	Wattage
10	10W
25	25W
50	50W
100	100W
250	250W

Tolerance
0.1%
0.5%
1%
3%
5%

Types	MOQ	Description	Code
KAL10	250	Bulk	B
KAL25	250		
KAL50	250		
KAL100	60		
KAL250	30		