



Wirewound Power Resistors

P & C SERIES

KRL STYLE	MIL-R-26	MIL-R-39007	WATTAGE RATING		MAXIMUM WORKING VOLTAGE	DIELECTRIC WITHSTAND	MAXIMUM RESISTANCE IN OHMS	DIMENSIONS		LEAD AWG
			U	V				LENGTH	DIAMETER	
								±.062 (±.010)	±.032 (±.010)	
(P-1/2) (P-1A) C-1A C-1B (P-1C) C-1C C-1D	RW-70	RWR-71	.5	1.0	58V	500V	3.4K Ω	.250	.094	24 (.020)
			.75	1.2	73V	500V	4.5K Ω	.280 (.300)	.094 (.120)	24 (.020)
			1.0	1.5	122V	500V	10K Ω	.406 (.425)	.094 (.120)	24 (.020)
			1.1	1.6	139V	500V	12K Ω	.530	.094	24 (.020)
			1.0	1.5	87V	500V	5K Ω	.330 (.360)	.094 (.120)	24 (.020)
(P-2) (P-2A) C-2A C-2B (P-2C) C-2C (P-2D) C-2D (P-2E) C-2E (P-2F) C-2F (P-3) C-3 C-4	RW-79		3.25	4.5	406V	500V	38K Ω	.700	.110	24 (.020)
			1.5	2.0	141V	1KV	10K Ω	.385 (.420)	.187 (.190)	20 (.032)
			3.0	3.75	257V	1KV	22K Ω	.560 (.600)	.187 (.210)	20 (.032)
			3.25	4.75	444V	1KV	42K Ω	.812	.187	20 (.032)
			3.0	3.5	181V	1KV	32K Ω	.500 (.535)	.250 (.265)	20 (.032)
(P-5) (P-6) C-5 C-6 C-7 C-7A C-10A	RW-69		2.5	3.0	212V	1KV	20K Ω	.500 (.535)	.210 (.210)	20 (.032)
			3.0	3.75	261V	1KV	22K Ω	.560 (.600)	.158 (.173)	20 (.032)
			2.5	3.0	210V	1KV	20K Ω	.490 (.530)	.158 (.190)	20 (.032)
			4.0	5.5	295V	1KV	45K Ω	.625 (.680)	.250 (.265)	20 (.032)
			5.0	6.0	444V	1KV	65K Ω	.875	.250	18 (.040)
(P-5) (P-6) C-5 C-6 C-7 C-7A C-10A	RW-74	RWR-74	5.0	6.0	444V	1KV	90K Ω	.875 (.925)	.312 (.335)	18 (.040)
			6.0	6.5	488V	1KV	100K Ω	1.00 (1.08)	.312 (.335)	18 (.040)
			7.0	8.0	730V	1KV	100K Ω	1.20 ±.094	.312 ±.062	18 (.040)
			7.5	9.0	800V	1KV	150K Ω	1.375 ±.094	.375 ±.062	18 (.040)
		C-10A	RW-78	RWR-78	10.0	12.0	1KV	1KV	275K Ω	1.78 ±.094

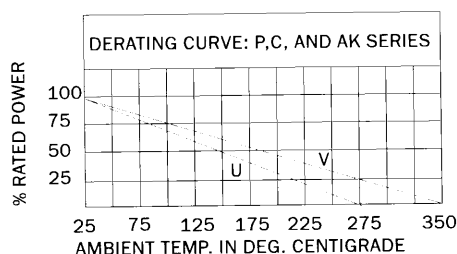
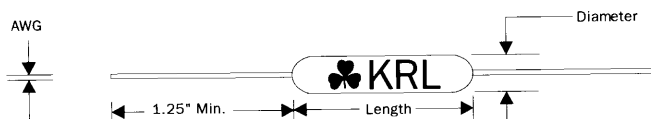
P = Molded () ; C = Coated



Space Miser Power Resistors

AK SERIES

KRL STYLE	MIL-R-26E	WATTAGE RATING		MAXIMUM WORKING VOLTAGE	DIELECTRIC WITHSTAND	MAXIMUM RESISTANCE IN OHMS	DIMENSIONS		LEAD AWG
		U	V				LENGTH ±.062	DIAMETER ±.032	
AK-1	RW-81	1	-	58V	500V	3.4K Ω	.250	.094	24 (.020)
AK-2	RW-80	1.5	-	82V	500V	4.5K Ω	.312	.094	24 (.020)
AK-3		2.25	-	150V	500V	10K Ω	.406	.094	24 (.020)
AK-5		4.0	5.0	261V	1KV	22K Ω	.560	.158	20 (.032)
AK-5C		5.0	6.5	181V	1KV	32K Ω	.500	.250	18 (.040)
AK-6		6.0	7.0	295V	1KV	45K Ω	.625	.250	18 (.040)
AK-10		7.0	10.0	444V	1KV	90K Ω	.875	.312	18 (.040)



ELECTRICAL SPECIFICATIONS:

Resistance Tolerance: 5%, 3%, 1% std
(Accuracies available to .03%)
Standard Resistance Range: .1 Ω to maximum listed.
Temperature Coefficient: 90ppm/°C less than 1 Ω ;
50 ppm/°C 1 Ω to 10 Ω ; 30 ppm/°C 10 Ω to 100 Ω ;
20 ppm/°C 100 Ω and above.

Short Term Overload: 5 Seconds at 5 times rated power.
Operating Range: -55°C to +275°C (U Rating) or +350°C (V Rating)
Covering: Flame Retardent Silicone (Molded & Coated)
Windings: Space wound on Ceramic or Alumina Oxide Cores.
Noninductive windings are available & identified by adding an "N" in front of the style number. Divide maximum resistance by 2 for noninductive windings.
"U" and "V" wattage ratings and derating curves are based on MIL-R-26E characteristics. "V" ratings are intended for 5% tolerance units, and result in operation at a hotspot of approximately 350°C; "U" ratings govern 3% through .1% tolerances and result in a hotspot of approximately 275°C.