



Cement Power Resistors (RoHS Compliant)

CR-RC Series

FEATURES

- Temperature Range: -55°C ~ +155°C
- 5% tolerance
- Exceptionally small, sturdy, and reliable
- Sealed with a special cement
- Excellent moisture resistance
- High temperature stability
- Ceramic flame retardant package
- Recommended wash method is alcohol



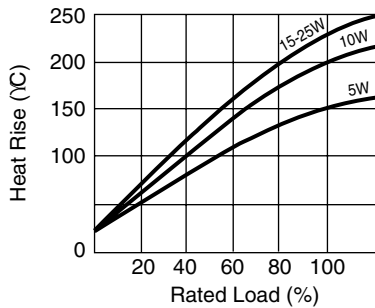
LEAD-FREE



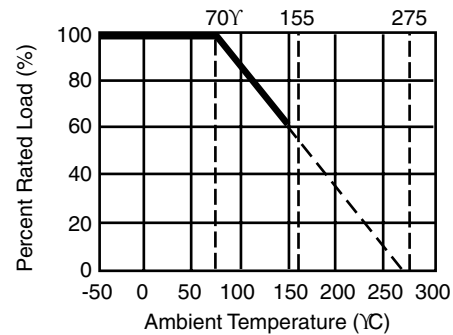
RoHS Compliant



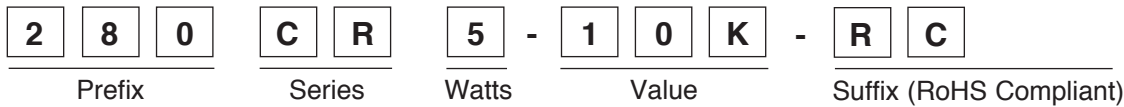
HEAT RISE CHART



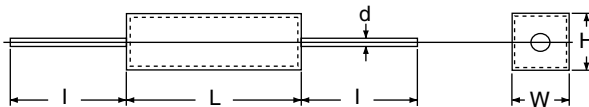
DERATING CURVE



PART NUMBERING SYSTEM



SERIES, WATTAGE, VALUE-RANGE, AND DIMENSIONS



Series	Watts (W)	Value Ranges (Ω)		Dimensions (mm)				
		Wire Wound	Metal Oxide	L ±1	W ±1	H ±1	l ±5	d ±0.05
CR	5	0.1 ~ 47	48 ~ 25K	22	10	9	35	0.75
CR	10	0.1 ~ 910	911 ~ 25K	49	10	9	35	0.75
CR	15	1 ~ 1K	-- N/A --	49	12.5	11.5	35	0.75
CR	25	2 ~ 1.0K	-- N/A --	64	14.5	13.5	35	0.75

STANDARD STOCKED VALUES (Ω)

0.1	0.33	0.56	1.0	1.8	3.3	4.7	6.8	11	18	27	43	62	100	160	250	390	560	910	1.5K	2.4K	4.7K
0.15	0.39	0.62	1.1	2.0	3.6	5.0	7.5	12	20	30	47	68	110	180	270	430	620	1.0K	1.6K	2.7K	5.0K
0.2	0.43	0.68	1.2	2.2	3.9	5.1	8.2	13	22	33	50	75	120	200	300	470	680	1.1K	1.8K	3.0K	10K
0.22	0.47	0.75	1.3	2.4	4.0	5.6	9.1	15	24	36	51	82	130	220	330	500	750	1.2K	2.0K	3.3K	20K
0.27	0.5	0.82	1.5	2.7	4.3	6.2	10	16	25	39	56	91	150	240	360	510	820	1.3K	2.2K	3.9K	25K
0.3	0.51	0.91	1.6	3.0																	

*Other values available by special request

