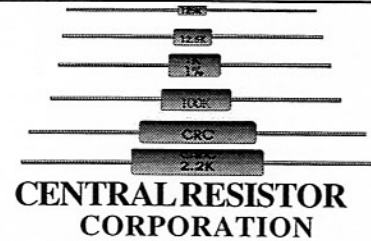




FA SERIES

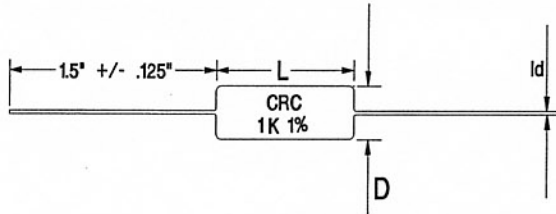
WIREWOUND FLAMEPROOF RESISTORS



Type FA series wirewound resistors are **MANUFACTURED IN THE U.S.A** to meet **MIL-R-26** requirements and feature an all welded construction, high purity ceramic core, stainless steel end caps with tinned copper-clad steel leads, and a high-temperature, flameproof, silicone based conformal coating.

ELECTRICAL SPECIFICATIONS

- TOLERANCE:** .1% THRU 10%
- TEMPERATURE COEFFICIENT:**
- +/- 90PPM BELOW 1 ohm
- +/- 50PPM 1ohm to 9.9 ohms
- +/- 20PPM 10 ohms to MAX. VALUE

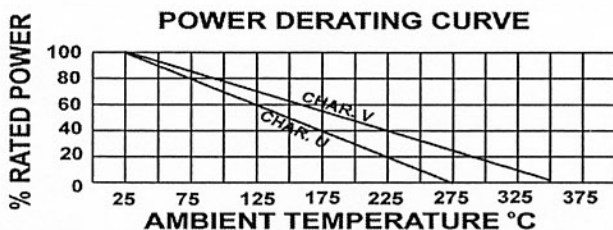


ENVIRONMENTAL SPECIFICATIONS	CHARACTERSTIC	
	U	V
LOAD LIFE	+/- .5% + .05Ω	+/- 3.0% + .05Ω
MOISTURE RESISTANCE	+/- .2% + .05Ω	+/- .20% + .05Ω
THERMAL SHOCK	+/- .2% + .05Ω	+/- .20% + .05Ω
SHORT TIME OVERLOAD	+/- .2% + .05Ω	+/- .50% + .05Ω
DIELECTRIC STRENGTH	+/- .1% + .05Ω	+/- .10% + .05Ω
LOW TEMP. STORAGE	+/- .2% + .05Ω	+/- .20% + .05Ω
HIGH TEMP. EXPOSURE	+/- .5% + .05Ω	+/- .50% + .05Ω
TERMINAL STRENGTH	+/- .1% + .05Ω	+/- .10% + .05Ω
SHOCK	+/- .1% + .05Ω	+/- .10% + .05Ω
VIBRATION	+/- .1% + .05Ω	+/- .10% + .05Ω

SPECIFICATIONS

CENTRAL TYPE	WATTAGE		RESISTANCE RANGE	VOLTAGE		DIMENSION IN INCHES		
	U	V		U	V	[L]	[D]	[ld]
FA3/4	.75W	1.0W	0.1Ω to 1.5K	32	44	.266 +/- .015	.095 +/- .015	.025*
FA1	1.0W	1.5W	.05Ω to 5.0K	44	54	.375 +/- .030	.135 +/- .030	.032
FA1A	1.0W	1.5W	0.1Ω to 5.0K	44	54	.400 +/- .030	.100 +/- .030	.025*
FA2	2.0W	2.6W	.02Ω to 7.2K	65	77	.460 +/- .030	.175 +/- .030	.032
FA3	3.0W	3.6W	.01Ω to 9.5K	130	147	.490 +/- .030	.210 +/- .030	.032
FA3A	3.0W	3.7W	.05Ω to 11.0K	130	150	.560 +/- .030	.175 +/- .030	.032
FA4	4.0W	5.0W	0.1Ω to 24.0K	210	250	.770 +/- .030	.260 +/- .030	.032
FA4B	4.0W	5.0W	0.1Ω to 14.0K	210	250	.550 +/- .030	.220 +/- .030	.032
FA5	5.0W	6.5W	.01Ω to 42.0K	360	410	.910 +/- .030	.295 +/- .030	.032
FA7A	7.0W	8.0W	0.1Ω to 63.0K	490	530	1.250 +/- .060	.295 +/- .030	.032
FA7	7.0W	8.0W	.05Ω to 80.0K	560	600	1.575 +/- .060	.295 +/- .030	.032
FA10A	10W	11W	0.1Ω to 92.0K	632	700	1.750 +/- .060	.295 +/- .030	.032
FA10	10W	12.5W	.05Ω to 100K	700	750	1.750 +/- .060	.375 +/- .030	.040

* ALSO AVAILABLE IN .020



FA Series resistors have an operating temperature of -55 C to +350 C. They must be derated for use at high ambient temperatures as shown to the left. Resistors with characteristic V are available in 3%, 5% and 10% only.