

# **ZR Series**

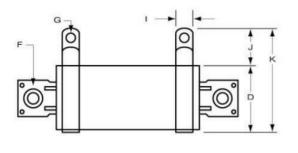
# Non Flammable Wire Wound Power Resistor

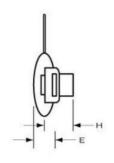
#### **FEATURES**

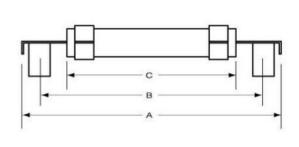
- Dielectric Strength: 1000 vac minimum
- > Short Time Overload: In intermittent duty the applied power can greatly exceed the wattage rating. However, since each pulse application is somewhat unique, the factory should be contacted for specific requirements



### **DRAWING and DIMENSIONS (mm)**







Rated Watts	Resistance Range (Ω)	Dimensions(mm)												Resistance
ZR Type		A	В	С	D	E	F	G	н	ı	J	К	ZQR Type	Range (Ω)
40W	0.1-5K	83	70	50	28	11	5.2	4.1	13	6.5	12	40	60W	0.1-4K
55W	0.1-6K	123	110	90	28	11	5.2	4.1	13	6.5	12	40	82W	0.1-5K
70W	0.1-7K	153	140	120	28	11	5.2	4.1	13	6.5	12	40	105W	0.1-7K
95W	0.1-10K	183	170	150	28	11	5.2	4.1	13	6.5	12	40	140W	0.1-9K
100W	0.1-12K	193	180	160	28	11	5.2	4.1	13	6.5	12	40	150W	0.1-10K
120W	0.1-15K	218	205	185	28	11	5.2	4.1	13	6.5	12	40	180W	0.1-12K
150W	0.1-18K	218	205	185	35	11	5.2	5.2	13	9	13	48	225W	0.1-15K
200W	0.1-25K	243	230	210	35	11	5.2	5.2	13	9	13	48	300W	0.1-20K
250W	0.1-30K	287	274	254	35	11	5.2	5.2	13	9	13	48	375W	0.1-25K
300W	0.1-35K	333	320	300	35	11	5.2	5.2	13	9	13	48	450W	0.1-30K



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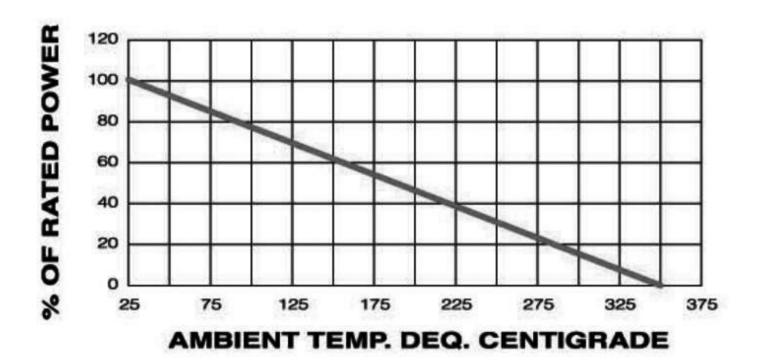
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## Non Flammable Wire Wound Power Resistor

#### FIG.1 DERATING

Industrial wire wound resistors have an operating temperature range of-55'c to + 350'C They must be derated at high ambient temperatures according to the curve at the night



#### **MATERIAL SPECIFICATIONS:**

Core: Steatite. Chemically inert-will withstands severe thermal shock and is impervious to moisture

Element: Highest quality copper-nickel alloy or nickel -chrome alloy, depending on resistance value

**Coating:** HI-special high temperature silicone, Cured at much lower temperatures than vitreous enamels

Note: Other resistance is available on request. WEET is capable of doing custom service for you.

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