

ET

Metal Composite Tubular type Non-Inductive Resistors for Ultra High Voltage, High Energy

WILLOW
Technologies



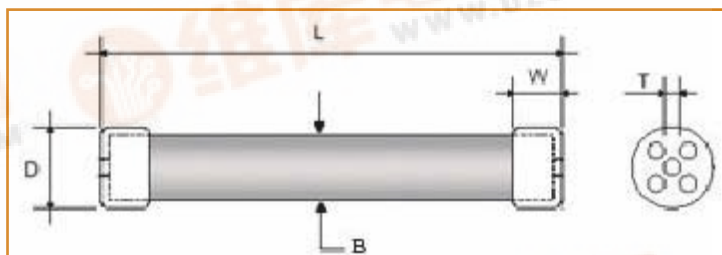
ET is Energy Tube, Ultra High Voltage, High Frequency, High Energy.

ET series to meet general set of requirements of various ultra high voltage high energy with composite type tubular resistors , especially for build up R & R-C Tank at reasonable cost .

- * Power Rating Able to build up Mega Jouls Energy System.
- * Well working in Air, Oil , Mist & harsh condition
- * Pulse Modulators
- * Surge Absorb
- * Charging /Discharging
- * X-ray equipments
- * Ground
- * Dust Collecting Systems
- * Nuclear Systems
- * High Voltage Rectifier
- * High Voltage Diode
- * High Frequency
- * Various High Voltage Energy Applications



DIMENSIONS [mm]



Model Nr.	Power[W]	Max. Impulse Voltage[kV] 1.2/50uSec	Dimensions in millimeters					
			L	B	D	Dia on Corona Ring, 'RC' type	W	T
ET 70	70	50	160+/-0.5	45+/-1.0	49+/-0.5	62	20+/-0.1	M6
ET 150	150	100	310+/-0.5	45+/-1.0	49+/-0.5	62	20+/-0.1	M6
ET 250	250	150	450+/-0.5	46+/-1.0	49+/-0.5	62	20+/-0.1	M6

Cap style: ex) ET150 -nc ; normal cap type , ET150 -rc ; Corona Ring & Cap type

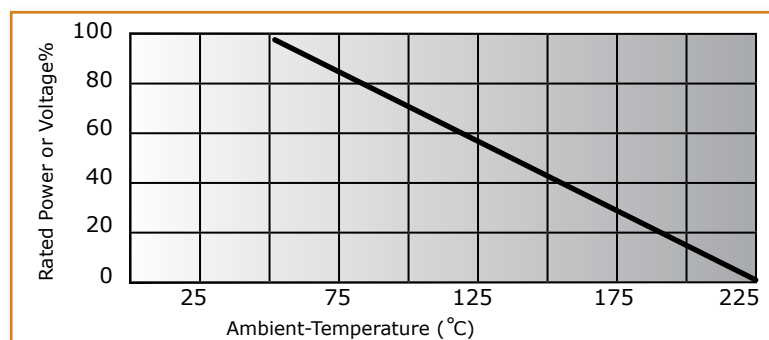


Metal Composite Tubular type Non-Inductive Resistors for Ultra High Voltage, High Energy



Model Nr.	Std. Ohmic Rating[Ω]	Low Extended R-value[Ω]	Hi Extended R-value[Ω]
ET70	10~100	1.5	upto 3k
ET150	10~150	2	upto 10k
ET150	10~200	5	upto 10k

DERATING CURVE



SPECIFICATIONS

Resistance Tolerance :

1%,2%,5%,10%

Temperature Coefficient :

Std. 100ppm/ °C, referenced to 25°C, from -15°C to +105°C, other TCR on requests.

Overload :

5times rated power with applied voltage not to exceed 1.5times Max. continuous operating voltage for 5 seconds, overload/ overvoltage ΔR 0.50% max.

Thermal Shock :

Mil-Std-202, Method- 107, Cond. C, ΔR 0.50% max.

Load Life :

1.000 hours at rated power ΔR 1.0% typ.

Moisture Resistance:

Mil-Std-202, Method 106, ΔR 0.50%.

Insulation Resistance :

10,000Megohms Min.

Termination Cap of Material :

Aluminum Alloy , Bronz
M4 / M6 Cap, &Rug available

Encapsulation :

Epoxy /silicone conformal/ Glass /

cf.: The described specifications & dimensions subject to change without notice.