



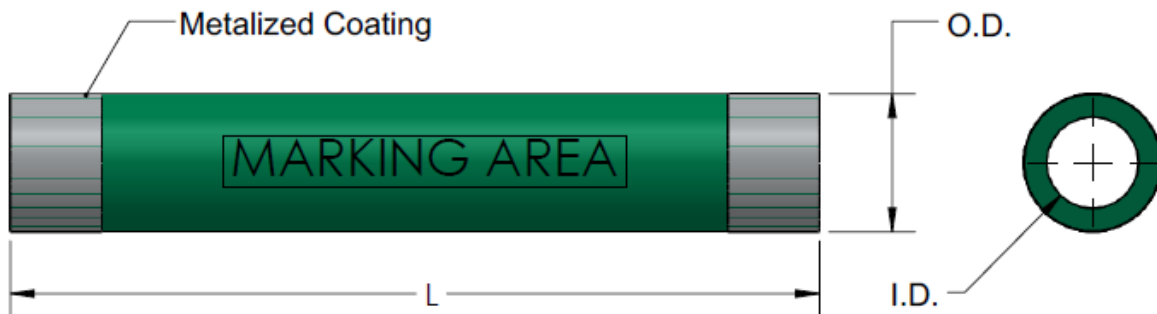
- High Voltage
- High Energy
- Non-Inductive

High Energy Rod and Tube Resistors are especially useful in applications requiring maximum energy density in a tube resistor. The standard termination is a metallized ferrule. Available configuration options optimize performance in air, oil or other dielectric.

Part Number	Resistance (Ω)	Impulse Volts (kV)	Power ¹ (W)	Energy ² (J)	O.D _{nom} (mm)	I.D _{nom} (mm)	L _{nom} (cm)
R1005AXXXZ	10-1.0K	1.6 x log (R)	10	1000	10.0	-	5.0
R1010AXXXZ	22-2.2K	3.0 x log (R)	20	2000	10.0	-	10.0
R2008AXXXZ	10-2.2K	4.4 x log (R)	24	6000	20.0	-	7.5
T2515AXXXZ	15-2.2K	6.5 x log (R)	55	11000	25.0	15.0	15.0
T2525AXXXZ	22-4.7K	8.0 x log (R)	90	22000	25.0	15.0	25.0
T2546AXXXZ	47-10.0K	12.0 x log (R)	150	45000	25.0	15.0	46.0
T5030AXXXZ	15-1.5K	8.5 x log (R)	200	94000	50.0	35.0	30.0
T5046AXXXZ	22-2.2K	12.0 x log (R)	300	140000	50.0	35.0	45.0

Notes: ¹ Rated @ 25°C
Derated linearly to 0W @ 200°C ² single impulse

Standard Configuration



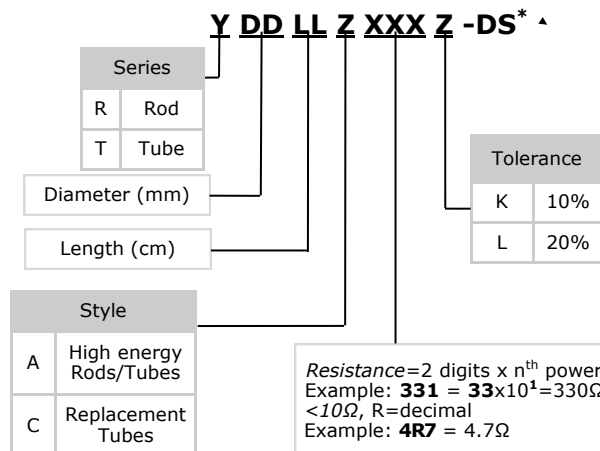
For non standard configurations, please contact Engineering—engineering@hvrpc.com

Replacement Carbon-Ceramic Tube Resistors offer drop-in substitution and expanded resistance range, while retaining the advantages of high surge energy, high voltage withstand and extremely low inductance. The thin-wall tube provides more effective convection cooling.

Part Number	Resistance (Ω)	Peak Voltage ¹ (V)	Power ² (W)	Energy ³ (J)	O.D _{nom} (mm)	I.D _{nom} (mm)	L _{nom} (cm)	Replace Type
T1305CXXXZ-DS	10-25K	5000	12	1400	12.7	5.6	5.1	884AS
T1906CXXXZ-DS	6.8-22K	8000	15	2800	19.1	12.7	6.4	885AS
T1913CXXXZ-DS	15-47K	20000	30	7500	19.1	12.7	13.0	886AS
T2515CXXXZ-DS	8.2-33K	30000	50	13000	25.4	19.0	15.0	887AS
T2520CXXXZ-DS	12-42K	45000	75	16500	25.4	19.0	20.0	888AS
T2530CXXXZ-DS	18-68K	75000	100	27000	25.4	19.0	30.0	889AS
T2546CXXXZ-DS	22-100K	120000	150	43000	25.4	19.0	46.0	890AS
T3815CXXXZ-DS	3.3-10K	30000	70	30000	38.0	25.0	15.0	1026AS
T3820CXXXZ-DS	3.9-15K	45000	100	46000	38.0	25.0	20.0	1028AS
T3830CXXXZ-DS	4.7-22K	75000	150	75000	38.0	25.0	30.0	1032AS
T3846CXXXZ-DS	6.8-33K	120000	225	119000	38.0	25.0	46.0	1038AS

Notes : ¹ single impulse 1.2/50μs pulse ² Horizontal mount free air @ 25°C ³ 1 sec. rate

Ordering Information



*-DS: Standard configuration for Replacement tubes only. Conformal dielectric coating with Ag/Epoxy contacts

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