



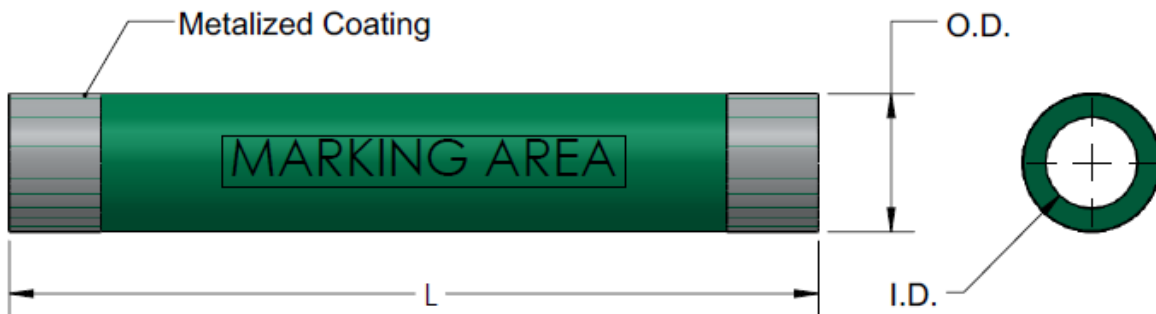
- High Voltage
- High Energy
- Non-Inductive

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

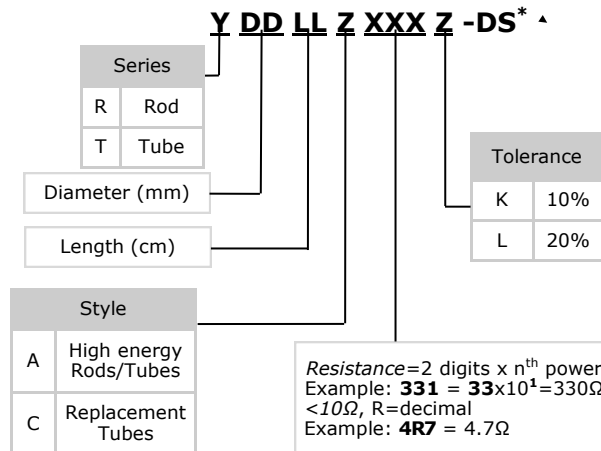


Replacement Carbon-Ceramic Tube Resistors offer drop-in substitution and expanded resistance range, while retaining the advantages of high surge energy, high voltage withstand and extremely low inductance. The thin-wall tube provides more effective convection cooling.

| 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