

Series JEP High Pulse Absorption Resistors

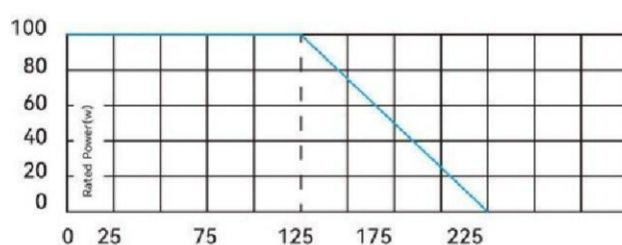
Be used for installation and use conditions without air cooling (if the effect is better if using a fan). Mainly used in circuits that need to absorb large pulse energy in a short period of time, it has a non-inductive, heat capacity Large, high temperature resistance, small size, stable performance and other advantages. Application for random intense pulse energy Discharge resistance, frequency conversion motor braking resistance, etc.

- Non - inductive design
- ROHS compliant
- The stability good, pulse load capacity good
- Materials in accordance with UL 94 V-0

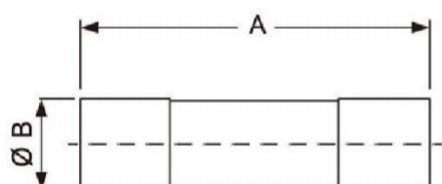


Product Detail:

1、Derating



2、Dimensions in millimeters



JEP65

M4X7.5 deep;
both sides

JEP100

M5X7.5 deep;
both sides

JEP300

M8X7.5 deep;
both sides

3、Technical and standard electrical specifications

TYPE	Power 70°C (W)	$\tau = 0.5S$	SIZE	
			A ($\pm 0.50 / \pm 0.02$)	B ($\pm 0.50 / \pm 0.02$)
JEP65/15	30	E=2000J/单次	65.00/2.56	16.0/0.63
JEP65/20	40	E=2800J/单次	65.00/2.56	21.0/0.83
JEP100	100	E=10000J/单次	100.0/3.94	36.0/1.42
JEP300	150	E=18000J/单次	299.0/11.77	39.5/1.55

4、Specifications

Resistance ranges: 10Ω - $1K\Omega$

Resistance Tolerance: $\pm 5\% \sim \pm 10\%$

Temperature Coefficient: $\pm 250PPM/^{\circ}C$ ($25^{\circ}C \sim 105^{\circ}C$)

Max. Operating Voltage: JEP65/15 & JEP65/20 : 500V JEP100 : 1200V JEP300 : 5000V

thermal capacity: JEP65/15: 0.031KJ/ $^{\circ}C$ JEP65/20: 0.063 KJ/ $^{\circ}C$

JEP100 : 0.3KJ/ $^{\circ}C$ JEP300 : 0.65KJ/ $^{\circ}C$

Rated power(at $70^{\circ}C$): JEP65/15: 30W JEP65/20: 40W

JEP100 : 100W JEP300: 150W

Lead Material: O.F.H.C. Copper nickel plated

JEP65/15 & JEP65/20 : M4 screw, Max. Torque : 3Nm

JEP100 : M5 screw, Max. Torque : 3Nm JEP300 : M8 screw, Max. Torque : 4Nm

5、Ordering Information

Type	ohmic Value	TOL
JEP100	100R	5%