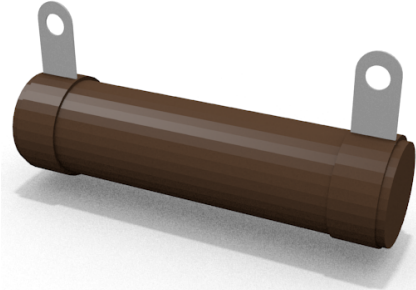


JVR series / Tubular Power Vitreous Enamelled



特徴

- ・ 定格電力 2 ~ 20W。
- ・ 高付加耐性。
- ・ 高湿度耐性。
- ・ 不燃構造。
- ・ 高絶縁抵抗。
- ・ 低温度上昇。
- ・ 溶接構造で高性能品に対応。

Features

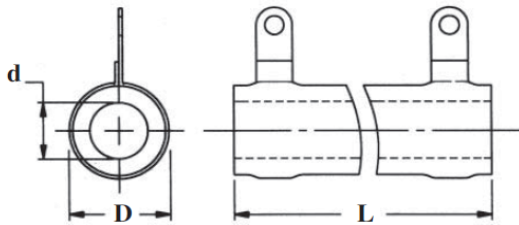
- ・ 2 to 20W Power Rating
- ・ High Overload Capability.
- ・ High Moisture Resistance.
- ・ Non-Flammable Construction.
- ・ High Insulation Resistance
- ・ Low Surface Temperature.
- ・ All Welded Construction for High Specification Parts.

仕様・環境特性 / Electrical Specifications and Environmental Characteristics

Type	Power @ 25 °C Watts	Max Voltage Volts	Ohmic Range In Ohm		Additional Specifications	
			Min	Max	Coating	Non-Flammable Vitreous Enamel Coating
JVR5	5	125	1R0	1K	Terminals	Solder Dipped / Quick Connect Terminals
JVR20	20	175	1R0	10K	Element	Copper Nickel or Nickel Chrome Alloy
JVR25	25	625	1R0	10K	Tolerance	± 5% - 1 Ohm and over, ± 10% - Under 1 Ohm
JVR50	50	1100	1R5	15K	Derating	Linearly 100% @25 °C to 0% @ 350 °C
JVR100	100	2100	2R7	20K	Power Rating	Based on 25 °C Free Air Rating
JVR175	175	2900	3R3	39K	Over Load	10 x Rated Wattage For 5 Secs
JVR225	225	3600	3R3	47K	TCR	< 5 Ohm : ± 260ppm/ °C, > 5 Ohm : < ± 200ppm/ °C

*Note: For Other Sizes and Power Ratings please contact us.

寸法 / Dimensional Specifications

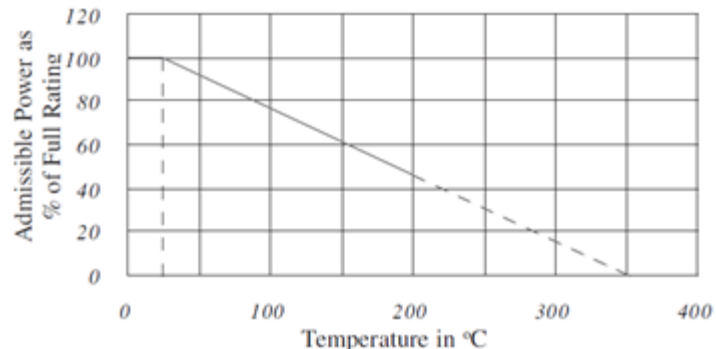


*Note: For Other Sizes and Power Ratings please contact us.

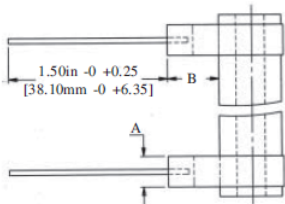
Terminal Style	Dimensions in mm [inches]				
	A		B		
A1	Axial	3.18	[0.125]	8	[0.315]
A2		4.76	[0.188]	8	[0.315]
R1	Radial	3.18	[0.125]	8	[0.315]
R2		4.76	[0.188]	8	[0.315]

Type	Core Dimensions in mm [Inches]				Terminal Options		Mounting Options
	Tube OD (D-Nom)	Tube ID (d-Nom)	Length (L)	Length Tol (±)	Standard	Optional	± 0.05 [0.002]
JVR5	7.94 [0.313]	4.76 [0.188]	25.40 [1.000]	0.51 [0.020]	T1	A1/R1	-
JVR20	11.11 [0.438]	6.35 [0.250]	50.8 [2.000]	1.01 [0.039]	T1	A1/R1	-
JVR25	14.29 [0.563]	7.94 [0.313]	50.8 [2.000]	1.01 [0.039]	T2	A2/R2	Z1
JVR50	14.29 [0.563]	7.94 [0.313]	101.60 [4.000]	2.03 [0.080]	T2	T4	Z1
JVR100	19.05 [0.750]	12.7 [0.500]	165.1 [6.500]	3.3 [0.130]	T2	T4	Z2, L1
JVR175	28.58 [1.125]	19.05 [0.750]	215.9 [8.500]	4.32 [0.170]	T3	T2, T4	Z3, L2
JVR225	28.58 [1.125]	19.05 [0.750]	266.7 [10.500]	5.33 [0.210]	T3	T2, T4	Z3, L2

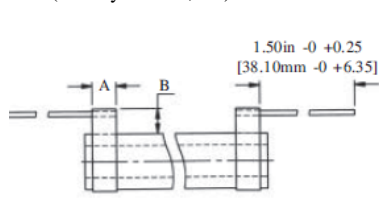
Derating Curve²



Radial Lead (For Styles : R1, R2)



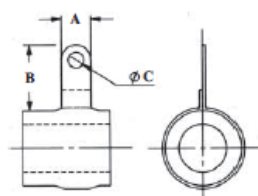
Axial Lead (For Styles : A1, A2)



JVR series / Tubular Power Vitreous Enamelled

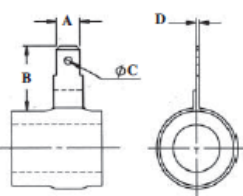
Solder Dipped

(For Styles : T1, T2, T3)



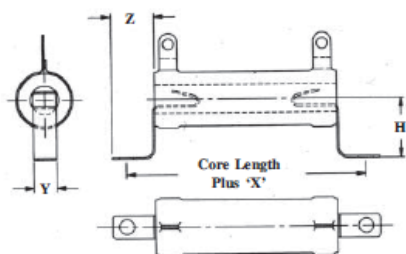
Quick Connect

(For Style : T4)



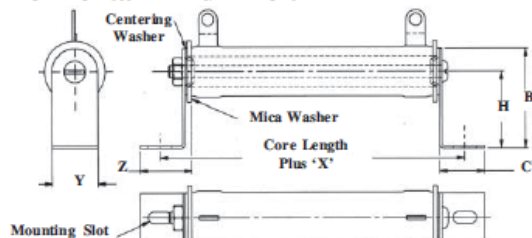
Terminal Style	Dimensions in mm [Inches]			
	A	B	C	D
T1	4.76 [0.188]	11.11 [0.438]	2.6 [0.102]	-
T2	6.35 [0.250]	14.29 [0.563]	4.2 [0.165]	-
T3	7.94 [0.313]	15.88 [0.625]	5 [0.197]	-
T4	6.35 [0.250]	15.88 [0.625]	2 [0.078]	0.79 [0.031]

Push-In Type Z Clips



Bracket Type	Dimensions in mm [Inches]				
	X	H	Y	Z	Hole (Dia)
Z1	15.88 [0.625]	17.07 [0.672]	6.35 [0.250]	11.91 [0.469]	4.09 [0.161]
Z2	18.26 [0.719]	31.2 [1.228]	9.53 [0.375]	15.88 [0.625]	4.98 x 6.60 [0.196 x 0.260]
Z3	20.64 [0.813]	32.8 [1.291]	12.7 [0.500]	17.46 [0.688]	4.98 x 6.60 [0.196 x 0.260]

Horizontal Thru - Bolt



Bracket Type	Dimensions in mm [Inches]						
	X	Y	Z	H	Mounting Slot	C	B
L1	26.99 [1.063]	19.05 [0.750]	21.83 [0.859]	31.75 [1.250]	5.56 x 11.11 [0.219 x 0.438]	19.05 [0.750]	44.45 [1.750]
L2	26.99 [1.063]	31.75 [1.250]	25.4 [1.000]	38.1 [1.500]	7.14 x 14.29 [0.281 x 0.563]	22.23 [0.875]	53.98 [2.125]

品番構成 / Ordering Code

Type	Ohmic Value	Tolerance	Terminal	Packing Style	Release Condition	Mounting Hardware
JVR25**	0.1 Ohm : 0R1 / R10 1 Ohm : 1R0 1 KOhm : 1K0 10.7 KOhm : 10K7	1% : F 2% : G 5% : J 10% : K	Standard : S Optional : Specify Custom Design : M	Bulk : B	Commercial : X	If Required Specify Bracket Type

A Sample Part No.: JVR25 1K0JR2BXZ1

** For Non-Inductive Version, Please specify JPVR25N

注意事項 / Note

- On request we undertake tests for Batch Acceptance to a specified Reference Standard.
- The Derating Curve specifies the maximum allowable Power at a particular ambient temperature while ensuring that the maximum surface temperature remains within the designed limit.
- When the Resistor is subjected to a Pulse Load, please ensure that the *average* Power dissipated remains below the rated Power specified.
- Resistor performance with Pulse Loads will have to be application tested. Please utilise our Pulse Application Questionnaire for selecting a suitable type or for requesting any design-in assistance from us.