



Click [here](#) for the 3D model.

**General Information**

Supplier	KEMET
Series	VP
Type	Varistors
Style	SMD Molded
Description	Surface Mount Varistors
Features	Plastic Encapsulated
Termination	Nickel Tin
RoHS	With Exemptions

**Dimensions**

L	8mm +/-0.5mm
W	6.3mm +/-0.4mm
H	4.7mm +/-0.3mm
F	3mm +/-0.3mm
B	1.5mm +/-0.3mm
K	2.3mm +/-0.3mm
Case Code (EIA / mm)	3225 / 8136

**Packaging Specifications**

Packaging	T&R
Packaging Quantity	1000

**Specifications**

Voltage DC	385 VDC (25C)
Voltage AC	300 VAC
Temperature Range	-40/+85°C
Storage Temperature Range	-40/+125°C
Varistor Voltage	470 VDC at 1 mA
Clamping Voltage	775 V
Clamping Current	5 A (8/20 us MAX)
Surge Current	400 A (8/20 us MAX)
Energy	15 J (10/1000 us MAX)
Power	0.1 W (MAX)
Capacitance	70 pF (1kHz)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.