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General Information

Supplier	KEMET
Series	VP
Type	Varistors
Style	SMD Molded
Description	Surface Mount Varistors
Features	Plastic Encapsulated
Termination	Nickel Tin
RoHS	With Exemptions
Qualifications	UL
AEC-Q200	No

Dimensions

Chip Size	3225
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

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)

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