

SMD VARISTOR – Data Sheet Rev 1

Littelfuse Part Number: V275MLA0805NS

Device Ratings and Characteristics

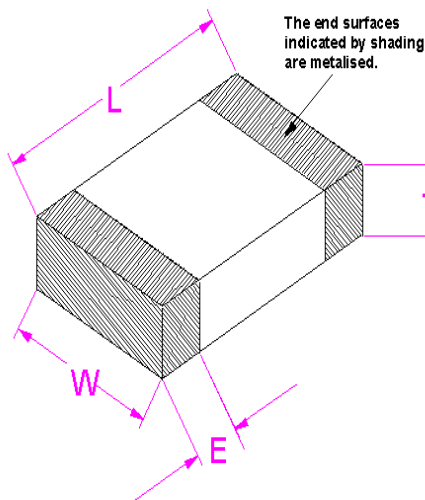


Part Number	Maximum Ratings (+125°C)				Characteristics (+25°C)		
	Maximum Continuous Working Voltage		Maximum Non-repetitive Surge Current (8/20µs)	Maximum Clamping Voltage (8/20µs)	Nominal Voltage Test Current @ 1mA DC		Typical Capacitance @ 1KHz
	V _M (DC) (V)	V _M (AC) (V)	I _{TM} (A)	V _C @ 1A (V)	V _N (DC) Min (V)	V _N (DC) Max (V)	C pF
V275MLA0805NS	350	275	100	705	387	473	45

Notes:

1. Maximum Leakage at +25°C: 50µA @ 80% V_N
2. These values represent those of discreetly tested units only, i.e. 'off the reel' before boardmount. Littelfuse cannot be accountable for localized board effects that may cause surface interactions resulting in leakage levels greater than the maximum after boardmount.
3. Operating Ambient Temperature Range (T_A): -40°C to +125°C
4. UL recognized, agency file number E320116
5. RoHS complaint and lead free
6. Reel packing

Mechanical Dimensions

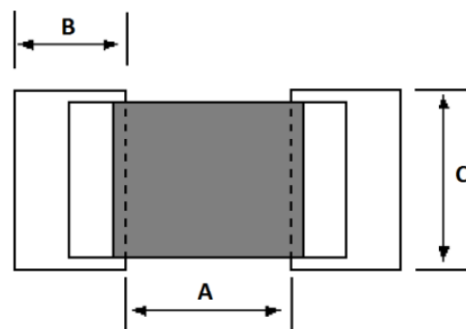


Dimension	Specification (mm)	
	Min	Max
L	2.00	2.40
W	1.50	1.90
T	-	1.80
E	0.20	0.60

Recommended Pad Size

(Unit : mm)

A	B	C
1.2~1.6	0.8~1.2	1.6~2.2



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