



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

### Dimensions

Chip Size	1812
L	4.5mm +0.5/-0.3mm
W	3.2mm +/-0.4mm
T	2.5mm +/-0.3mm
S	3.5mm MIN
B	0.5mm +/-0.25mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	500

### General Information

Series	CAS SMD SFTY 250
Style	SMD Chip
Description	Industrial Grade, Safety MLCC
RoHS	Yes
Termination	Tin
Safety Class	X1/Y2
Qualifications	TUV, UL, cUL
AEC-Q200	No
Halogen Free	true
Shelf Life	24 Weeks

### Specifications

Capacitance	1000 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage AC	250 VAC (X1), 250 VAC (Y2)
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Insulation Resistance	10 GOhms