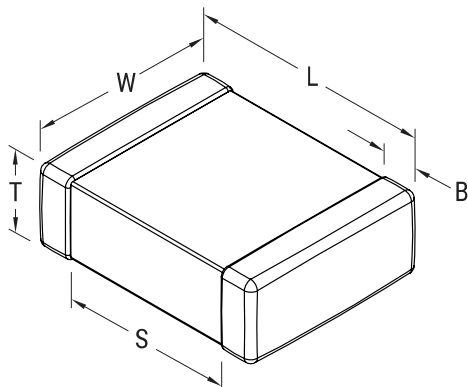


CAS SMD SFTY 250, Ceramic, 6.8 pF, +/-0.5 pF, C0G, Industrial Grade, Safety MLCC, X1/Y2, 1808

**Dimensions**

Chip Size	1808
L	4.5mm +0.5/-0.3mm
W	2.03mm +/-0.25mm
T	1.4mm +/-0.15mm
S	3.5mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging:	T&R
Packaging Quantity:	2000

General Information

Series:	CAS SMD SFTY 250
Style:	SMD Chip
Description:	Industrial Grade, Safety MLCC
RoHS:	Yes
Termination:	Tin
Safety Class:	X1/Y2
AEC-Q200:	No
Halogen Free:	Yes

Specifications

Capacitance:	6.8 pF
Measurement Condition:	1 MHz 1Vrms
Capacitance Tolerance:	+/-0.5 pF
Voltage AC:	250 VAC (X1), 250 VAC (Y2)
Temperature Range:	-55/+125°C
Temperature Coefficient:	C0G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	30 ppm/C, 1kHz 1.0Vrms
Insulation Resistance:	100 GOhms
Quality Factor:	536