

CAS SMD SFTY 250, Ceramic, 680 pF, 10%, X7R, Industrial Grade, Safety MLCC, X1/Y2, 1808



**General Information**

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

**Dimensions**

<b>Chip Size</b>	1808
<b>L</b>	4.5mm +0.5/-0.3mm
<b>W</b>	2.03mm +/-0.25mm
<b>T</b>	2mm +/-0.2mm
<b>S</b>	3.5mm MIN
<b>B</b>	0.5mm +/-0.25mm

**Packaging Specifications**

<b>Packaging:</b>	T&R
<b>Packaging Quantity:</b>	1000

**Specifications**

<b>Capacitance:</b>	680 pF
<b>Measurement Condition:</b>	1 kHz 1.0Vrms
<b>Capacitance Tolerance:</b>	10%
<b>Voltage AC:</b>	250 VAC (X1), 250 VAC (Y2)
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	X7R
<b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b>	15%, 1kHz 1.0Vrms
<b>Dissipation Factor:</b>	2.5% 1 kHz 1.0Vrms
<b>Insulation Resistance:</b>	10 GOhms

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