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Dimensions

Chip Size	1808
L	4.5mm +0.5/-0.3mm
W	2mm +/-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
Qualifications	TUV, UL, cUL
AEC-Q200	No
Halogen Free	true
Shelf Life	24 Weeks

Specifications

Capacitance	33 pF
Measurement Condition	1 MHz 1.0Vrms
Capacitance Tolerance	5%
Voltage AC	250 VAC (X1), 250 VAC (Y2)
Temperature Range	-55/+125°C
Temperature Coefficient	COG
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	30 ppm/C, 1kHz 1.0Vrms
Insulation Resistance	100 GOhms
Quality Factor	1000