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Dimensions

Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

Packaging Specifications

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

General Information

Series	CAN SMD Indust 250
Style	SMD Chip
Description	SMD Chip, MLCC, AC Rated
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	6.5 mg
MSL	1

Specifications

Capacitance	1000 pF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage AC	250 VAC
Dielectric Withstanding Voltage	945 VDC
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% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	10 GOhms