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Dimensions

Chip Size	1206
L	3.2mm +0.3/-0.25mm (0.126 in +0.012/-0.01 in)
W	1.6mm +0.3/-0.25mm (0.063 in +0.012/-0.01 in)
T	1.8mm MAX (0.071 in MAX)
B	0.51mm +/-0.36mm (0.02 in +/-0.014 in)

Packaging Specifications

Packaging	Waffle
Packaging Quantity	368

General Information

Series	SMD MIL X7R PRF32535
Style	SMD Chip
Description	SMD, Low ESR, MIL-PRF-32535
RoHS	No
Prop 65	⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov .
Termination	Flexible Termination
Qualifications	MIL-PRF-32535 T-Level
AEC-Q200	No
Component Weight	57 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.1 uF
Capacitance Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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	0% Loss/Decade Hour
Insulation Resistance	10 GOhms

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