



Click [here](#) for the 3D model.

Dimensions

Chip Size	0603
L	1.6mm +0.2/-0.15mm (0.063 in +0.008/-0.006 in)
W	0.81mm +0.2/-0.15mm (0.032 in +0.008/-0.006 in)
T	1.02mm MAX (0.04 in MAX)
B	0.41mm +/-0.2mm (0.016 in +/-0.008 in)

Packaging Specifications

Packaging	T&R
Packaging Quantity	4000

General Information

Series	SMD MIL X7R PRF32535
Style	SMD Chip
Description	SMD, MIL-PRF-32535
RoHS	No
Prop 65	⚠ WARNING: Cancer and reproductive harm - http://www.p65warnings.ca.gov .
SCIP Number	d66873f5-e54d-410c-a0cf-ebf6fcf635b5
Termination	Solder Plated
Failure Rate	N/A
Qualifications	MIL-PRF-32535 M-Level
AEC-Q200	No
Typical Component Weight	6.3 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.1 uF
Capacitance Tolerance	10%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 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	3.5% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	10 GOhms