



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

### Dimensions

Chip Size	0805
L	2.01mm +0.3/-0.25mm (0.079 in +0.012/-0.01 in)
W	1.27mm +0.3/-0.25mm (0.05 in +0.012/-0.01 in)
T	1.57mm MAX (0.062 in MAX)
B	0.51mm +/-0.25mm (0.02 in +/-0.01 in)

### Packaging Specifications

Packaging	Waffle
Packaging Quantity	100

### General Information

Series	SMD MIL X7R PRF32535
Style	SMD Chip
Description	SMD, Military, Low ESR, MIL-PRF-32535
RoHS	No
Prop 65	<b>⚠ WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">http://www.p65warnings.ca.gov</a> .
Termination	Solder Plated
Failure Rate	N/A
Qualifications	MIL-PRF-32535
AEC-Q200	No
Component Weight	20 mg

### Specifications

Capacitance	0.082 uF
Capacitance Tolerance	5%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Dissipation Factor	2.5% 1MHz 25C
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	12.2 GOhms

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