



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

**General Information**

Series	SMD MIL X7R PRF32535
Style	SMD Chip
Description	SMD, MIL-PRF-32535
RoHS	No
Prop 65	<b>WARNING:</b> Cancer and reproductive harm - <a href="https://www.p65warnings.ca.gov/">https://www.p65warnings.ca.gov/</a>
Termination	Solder Plated
Failure Rate	N/A
Qualifications	MIL-PRF-32535 M-Level
Typical Component Weight	1.6 mg
Shelf Life	78 Weeks
MSL	1

**Dimensions**

L	1.02mm +0.15/-0.1mm
W	0.51mm +0.13/-0.1mm
T	0.64mm MAX
S	0.3mm MIN
B	0.1mm MIN
Case Code (EIA / mm)	0402 / 1005

**Packaging Specifications**

Packaging	Waffle
Packaging Quantity	368

**Specifications**

Capacitance	4,700 pF
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour
Insulation Resistance	100 GOhms

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