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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 - https://www.p65warnings.ca.gov/
Termination	Flexible Termination
Qualifications	MIL-PRF-32535 T-Level
Typical Component Weight	216 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.18 uF
Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 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	5.5556 GOhms

Dimensions

L	4.52mm +/-0.3mm
W	3.2mm +/-0.3mm
T	2.79mm MAX
S	2.3mm MIN
B	0.61mm +/-0.46mm
Case Code (EIA / mm)	1812 / 4532

Packaging Specifications

Packaging	Waffle
Packaging Quantity	368

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