C2220C474J5TACAUTO
SMD Auto X8G HT150C, Ceramic, 0.47 uF, 5%, 50 VDC, X8G, SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade, 2220

General Information
Series     SMD Auto X8G HT150C
Style      SMD Chip
Description SMD, MLCC, High Temperature, Ultra-Stable, Automotive Grade
Features   High Temperature, Ultra-Stable, Automotive Grade
RoHS       Yes
Termination Tin
Marking    No
Qualifications AEC-Q200
AEC-Q200   Yes
Typical Component Weight 190 mg
Shelf Life 78 Weeks
MSL        1

Specifications
Capacitance 0.47 uF
Measurement Condition 1 kHz 1.0 Vrms
Capacitance Tolerance 5%
Voltage DC 50 VDC
Dielectric Withstanding Voltage 125 VDC
Temperature Range -55/+150°C
Temperature Coefficient X8G
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) 30 ppm/C, 1kHz 1.0 Vrms
Dissipation Factor 0.1% 1 kHz 1.0 Vrms
Aging Rate 0% Loss/Decade Hour; Referree Time is 1000 Hours
Insulation Resistance 2.1277 GOhms

Dimensions
Chip Size  2220
L          5.7mm +/-0.4mm
W          5mm +/-0.4mm
T          1.7mm +/-0.15mm
B          0.6mm +/-0.35mm

Packaging Specifications
Packaging  T&R, 180mm, Plastic Tape
Packaging Quantity 1000

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