

SMD Auto U2J, Ceramic, 2700 pF, 5%, 16 VDC, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade, 0402



Dimensions

Dimensions	
Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
S	0.3mm MIN
B	0.3mm +/-0.1mm

Packaging Specifications

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	10000

General Information

Series:	SMD Auto U2J
Style:	SMD Chip
Description:	SMD, MLCC, Ultra-Stable, Low Loss, Automotive Grade
Features:	Ultra-Stable, Low Loss, Automotive Grade
RoHS:	Yes
Termination:	Tin
Marking:	No
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	1060 ug
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	2700 pF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	16 VDC
Dielectric Withstanding Voltage:	40 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	U2J
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	-750+/-120 ppm/C, 1kHz 1.0Vrms
Dissipation Factor:	0.1% 1 kHz 1.0Vrms
Aging Rate:	0.1% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	100 GOhms