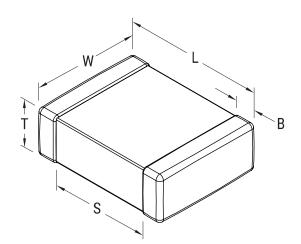


C1812C274F3JACTU

Aliases (C1812C274F3JAC7800) SMD Comm U2J, Ceramic, 0.27 uF, 1%, 25 VDC, U2J, SMD, MLCC, Ultra-Stable, Low Loss, Class I, 1812, 2.3 mm



Click here for the 3D model.

General Information	
Series	SMD Comm U2J
Style	SMD Chip
Description	SMD, MLCC, Ultra-Stable, Low Loss, Class I
Features	Ultra-Stable, Low Loss, Class I
RoHS	Yes
Termination	Tin
Marking	No
AEC-Q200	No
Typical Component Weight	67 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.27 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	1%
Voltage DC	25 VDC
Dielectric Withstanding Voltage	62.5 VDC
Temperature Range	-55/+125°C
Temp. 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	3.7037 GOhms

 Dimensions

 Chip Size
 1812

 L
 4.5mm +/-0.3mm

 W
 3.2mm +/-0.3mm

 T
 1mm +/-0.10mm

 S
 2.3mm MIN

 B
 0.6mm +/-0.35mm

## Packaging Specifications

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

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