

C0805X683M8JACTU

Aliases (C0805X683M8JAC7800) SMD Comm U2J Flex, Ceramic, 0.068 uF, 20%, 10 VDC, U2J, SMD, MLCC, FT-CAP, Ultra-Stable, 0805, 0.6 mm



General Information	
Series	SMD Comm U2J Flex
Style	SMD Chip
Description	SMD, MLCC, FT-CAP, Ultra- Stable
Features	FT-CAP, Ultra-Stable
RoHS	Yes
Termination	Flexible Termination
Marking	No
AEC-Q200	No
Typical Component Weight	14 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	0805
L	2mm +/-0.3mm
W	1.25mm +/-0.3mm
Т	1.25mm +/-0.15mm
S	0.6mm MIN
В	0.5mm +/-0.25mm

W	1.25mm +/-0.3mm	Tolerance	20%
Т	1.25mm +/-0.15mm	Voltage DC	10 VDC
S	0.6mm MIN	Dielectric Withstanding Voltage	25 VDC
В	0.5mm +/-0.25mm	Temperature Range	-55/+125°C
		Temp. Coefficient	U2J
Packaging Specifications		Capacitance Change with	-750+/-120 ppm/C, 1kHz
Packaging	T&R, 180mm, Plastic Tape	Reference to +25°C and 0 VDC 1.0Vrms Applied (TCC)	
Packaging Quantity	2500	Dissipation Factor	0.1% 1 kHz 1.0Vrms
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Specifications	
Capacitance	0.068 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 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	14.7059 GOhms

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