

C0805T223K5RCCTU

Aliases (C0805T223K5RCC7800)

SMD COTS X7R, Ceramic, 0.022 uF, 10%, 50 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 0805



Click here for the 3D model.

0805
2mm +/-0.2mm
1.25mm +/-0.2mm
0.78mm +/-0.10mm
0.75mm MIN
0.5mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	4000

General Informatio	n
Series	SMD COTS X7R
Style	SMD Chip
Description	SMD, MLCC, COTS, Temperature Stable, Class II
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	No
Failure Rate	Testing per MIL-PRF-55681 PDA 8%, DPA per EIA-469, Humidity per MIL-STD-202, Method 103, Condition A
AEC-Q200	No
Component Weight	11 mg
Shelf Life	78 Weeks
MSL	1

Specifications	
Capacitance	0.022 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temperature 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: Referee Time is 1000 Hours
Insulation Resistance	45.4545 GOhms

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