KEMET Part Number: C0805T225J9RACTU

(C0805T225J9RAC7800)



SMD COTS X7R, Ceramic, 2.2 uF, 5%, 6.3 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 0805



Dimensions		
Chip Size	0805	
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	1.25mm +/-0.15mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2500	

General Information	
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%
AEC-Q200:	No
Component Weight:	21 mg
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	2.2 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	6.3 VDC
Dielectric Withstanding Voltage:	15.75 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:	5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	227.3 MOhms

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