KEMET Part Number: C1210T824J1RACTU

(C1210T824J1RAC7800)



SMD COTS X7R, Ceramic, 0.82 uF, 5%, 100 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 1210



Dimensions		
Chip Size	1210	
L	3.2mm +/-0.2mm	
W	2.5mm +/-0.2mm	
Т	1.4mm +/-0.15mm	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2000	

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:	65 mg
Shelf Life:	78 Weeks
MSL:	1

Specifications	
Capacitance:	0.82 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	5%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 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:	609.8 MOhms

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