KEMET Part Number: C1206C107M9PACTU

(C1206C107M9PAC7800)



SMD Comm X5R, Ceramic, 100 uF, 20%, 6.3 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 1206



Dimensions		
Chip Size	1206	
L	3.2mm +/-0.3mm	
W	1.6mm +/-0.3mm	
Т	1.6mm +/-0.20mm	
В	0.5mm +0.35/-0.25mm	

Packaging Specifications		
Weight:	41 mg	
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	2000	

General Information		
Series:	SMD Comm X5R	
Style:	SMD Chip	
Description:	SMD, MLCC, Temperature Stable, Class II	
Features:	Temperature Stable, Class II	
RoHS:	Yes	
Termination:	Tin	
Marking:	No	
AEC-Q200:	No	
Shelf Life:	78 Weeks	
MSL:	1	

Specifications	
Capacitance:	100 uF
Measurement Condition:	120 Hz 0.5Vrms
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC
Dielectric Withstanding Voltage:	15.75 VDC
Temperature Range:	-55/+85°C
Temperature Coefficient:	X5R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 120Hz 0.5Vrms
Dissipation Factor:	10% 120 Hz 0.5Vrms
Aging Rate:	5% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance:	1 MOhms

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