KEMET Part Number: C1812X105K1RACTU

(C1812X105K1RAC7800)



SMD Comm X7R Flex, Ceramic, 1 uF, 10%, 100 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1812



Dimensions	
L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
Т	1.55mm +/-0.10mm
В	0.7mm +/-0.35mm

Packaging Specifications		
Packaging:	T&R, 180mm, Plastic Tape	
Packaging Quantity:	1000	

General Information	
Supplier:	KEMET
Series:	SMD Comm X7R Flex
Style:	SMD Chip
Description:	SMD, MLCC, FT-CAP, Temperature Stable
Features:	FT-CAP, Temperature Stable
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	1812

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	100 VDC
Dielectric Withstanding Voltage:	250 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	1 GOhms

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