KEMET Part Number: C1812T225M1RCLTU

(C1812T225M1RCL7800)



SMD COTS X7R, Ceramic, 2.2 uF, 20%, 100 VDC, X7R, SMD, MLCC, COTS, Temperature Stable, Class II, 1812



Dimensions		
L	4.5mm +/-0.3mm	
W	3.2mm +/-0.3mm	
Т	1.55mm +/-0.10mm	
В	0.6mm +/-0.35mm	

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

General Information	
Series:	SMD COTS X7R
Style:	SMD Chip
Description:	SMD, MLCC, COTS, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov.
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Lead (SnPb)
Marking:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Chip Size:	1812

Specifications		
Capacitance Tolerance:	20%	
Voltage DC:	100 VDC	
Dielectric Withstanding Voltage:	250 VDC	
Temperature Range:	-55/+125C	
Temperature Coefficient:	X7R	
Dissipation Factor:	2.50% 1kHz 25C	
Aging Rate:	3% Loss/Decade Hour	
Insulation Resistance:	227 MOhms	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



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