

KEMET Part Number: C1812C225M1RACTU
(C1812C225M1RAC7800)

Ceramic, Commercial-(CxxxxC), 2.2 uF, 20%, 100 V, 1812, X7R, SMD, MLCC, Temperature Stable, Class II



Dimensions

L	4.5mm +/-0.3mm
W	3.2mm +/-0.3mm
T	2.5mm +/-0.20mm
B	0.6mm +/-0.35mm

Packaging Specifications

Packaging:	T&R, 180mm, Plastic Tape
Packaging Quantity:	500

General Information

Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	1812
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours

Specifications

Capacitance:	2.2 uF
Capacitance Tolerance:	20%
Voltage DC:	100 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	230 MOhms
Dielectric Strength:	250 V