

KEMET Part Number: C1210C107M9PACTU
(C1210C107M9PAC7800)

Ceramic, Commercial-(CxxxxC), 100 uF, 20%, 6.3 V, 1210, X5R, SMD, MLCC, Temperature Stable, Class II



Dimensions

L	3.2mm +/-0.3mm
W	2.5mm +/-0.3mm
T	2.5mm +/-0.30mm
B	0.5mm +0.35/-0.25mm

Packaging Specifications

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

General Information

Style:	SMD Chip
Series:	Commercial-(CxxxxC)
Chip Size:	1210
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 X5R dielectric for this part number is 48 hours

Specifications

Capacitance:	100 uF
Capacitance Tolerance:	20%
Voltage DC:	6.3 VDC
Temperature Range:	-55/+85C
Temperature Coefficient:	X5R
Dissipation Factor:	10%
Aging Rate:	4% Loss/Decade Hour
Insulation Resistance:	1 MOhms
Dielectric Strength:	15.75 V