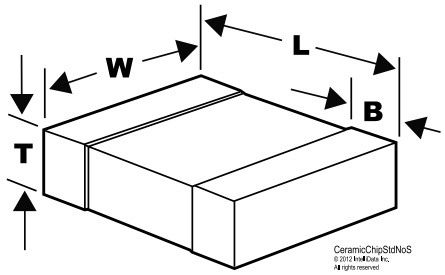
KEMET Part Number: C1210C105K5RACTU

(C1210C105K5RAC7800)

Ceramic, Commercial-(CxxxxC), 1 uF, 10%, 50 V, 1210, X7R, SMD, MLCC, Temperature Stable, Class II



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 X7R dielectric for this part number is 48 hours

Dimensions	
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	1.55mm +/-0.15mm
B	0.5mm +/-0.25mm

Specifications	
Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	500 MOhms
Dielectric Strength:	125 V

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

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