

KEMET Part Number: C1206R105K3RAC



Ceramic, 175C, 175C-(CxxxxC), 1 uF, 10%, 25 V, 1206, X7R, SMD, MLCC, High Temperature, FT-Cap



Dimensions

L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
T	1.7mm +/-0.20mm
B	0.6mm +/-0.25mm

Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	1

General Information

Style:	SMD Chip
Series:	175C-(CxxxxC)
Chip Size:	1206
Description:	SMD, MLCC, High Temperature, FT-Cap
Features:	FT-CAP, High Temperature
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours

Specifications

Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	25 VDC
Temperature Range:	-55/+175C
Temperature Coefficient:	X7R
Dissipation Factor:	3.5%
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	500 MOhms
Dielectric Strength:	62.5 V

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