

KEMET Part Number: C0805C104J8RACTU
(C0805C104J8RAC7800)

SMD Comm X7R, Ceramic, 0.1 uF, 5%, 10 V, X7R, SMD, MLCC, Temperature Stable, Class II, 0805



Dimensions

Dimensions	
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.78mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging Specifications	
Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

General Information

General Information	
Supplier:	KEMET
Series:	SMD Comm X7R
Style:	SMD Chip
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
Chip Size:	0805

Specifications

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Capacitance:	0.1 uF
Capacitance Tolerance:	5%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	5% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	10 GOhms