

KEMET Part Number: C0805C105K4RACTU
(C0805C105K4RAC7800)

SMD Comm X7R, Ceramic, 1 uF, 10%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0805



Dimensions

Dimension	Value
L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.9mm +/-0.10mm
S	0.75mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

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

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
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 48 hours
Chip Size:	0805
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	1 uF
Capacitance Tolerance:	10%
Voltage DC:	16 VDC
Dielectric Withstanding Voltage:	40 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Dissipation Factor:	3.50% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	500 MOhms