

KEMET Part Number: C1825X105K2RACTU
(C1825X105K2RAC7800)

Ceramic, SMD Comm X7R Flex, 1 uF, 10%, 200 V, 1825, X7R, SMD, MLCC, FT-CAP, Temperature Stable



Dimensions

L	4.6mm +/-0.4mm
W	6.4mm +/-0.4mm
T	1.5mm +/-0.15mm
B	0.7mm +/-0.35mm

Packaging Specifications

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

General Information

Style:	SMD Chip
Series:	SMD Comm X7R Flex
Chip Size:	1825
Description:	SMD, MLCC, FT-CAP, Temperature Stable
Features:	FT-CAP, Temperature Stable
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:	200 VDC
Dielectric Withstanding Voltage:	500 V
Temperature Range:	-55/+125C
Temperature Coefficient:	X7R
Dissipation Factor:	2.5% 1kHz 25C
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	1 GOhms