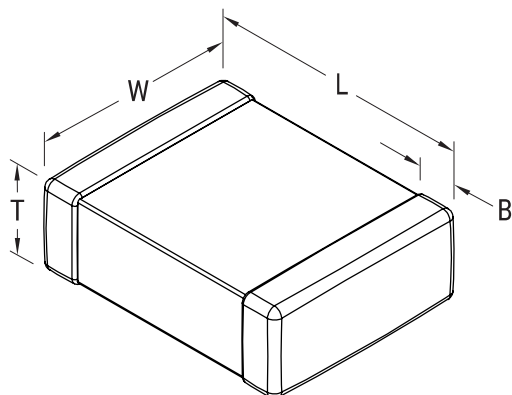


KEMET Part Number: C1812X473KDRAC

SMD Comm X7R HV Flex, Ceramic, 0.047 uF, 10%, 1000 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1812



Dimensions

Chip Size	1812
L	4.5mm +/-0.4mm
W	3.2mm +/-0.3mm
T	1.1mm +/-0.10mm
B	0.7mm +/-0.35mm

Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	1

General Information

Series:	SMD Comm X7R HV Flex
Style:	SMD Chip
Description:	SMD, MLCC, FT-CAP, Temperature Stable
Features:	FT-CAP, Temperature Stable
RoHS:	Yes
Termination:	Flexible Termination
Marking:	No
AEC-Q200:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	0.047 uF
Capacitance Tolerance:	10%
Voltage DC:	1000 VDC
Dielectric Withstanding Voltage:	1200 VDC
Temperature Range:	-55/+125°C
Temperature Coefficient:	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	2.50% 1kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	2.128 GOhms