

C1206C473KMRECTU

Aliases (C1206C473KMREC7800)

ESD SMD Comm X7R, Ceramic, 0.047 uF, 10%, 63 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 1206



Click [here](#) for the 3D model.

Dimensions

Chip Size	1206
L	3.2mm +/-0.2mm
W	1.6mm +/-0.2mm
T	1mm +/-0.10mm
S	1.5mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

General Information

Series	ESD SMD Comm X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	false
AEC-Q200	No
Typical Component Weight	25 mg
Shelf Life	78 Weeks
MSL	1

Specifications

Capacitance	0.047 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	63 VDC
ESD Level per AEC-Q200	25,000 V ESD Level
Dielectric Withstanding Voltage	157.5 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	2.5% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	21.2766 GOhms