

## C1210S473K2RACTU

Aliases (C1210S473K2RAC7800)

SMD Comm X7R FE, Ceramic, 0.047 uF, 10%, 200 VDC, X7R, SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable, 1210



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

General Information	
Series	SMD Comm X7R FE
Style	SMD Chip
Description	SMD, MLCC, FE-CAP, Floating Electrode, Temperature Stable
Features	FE-CAP, Floating Electrode, Temperature Stable
RoHS	Yes
Termination	Tin
Marking	false
AEC-Q200	No
Typical Component Weight	40 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	0.9mm +/-0.10mm
S	1.5mm MIN
B	0.5mm +/-0.25mm

Specifications	
Capacitance	0.047 uF
Measurement Condition	1 kHz 1.0Vrms
Capacitance Tolerance	10%
Voltage DC	200 VDC
Dielectric Withstanding Voltage	500 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

Packaging Specifications	
Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	4000

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.