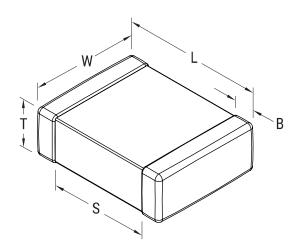


C0402C121K5RACTU

General Information

Series

Aliases (C0402C121K5RAC7867) SMD Comm X7R, Ceramic, 120 pF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0402, 0.3 mm



Click here for the 3D model.

SMD Chip Style SMD, MLCC, Temperature Stable, Class II Description Features Temperature Stable, Class II RoHS Yes Termination Tin Marking No AEC-Q200 No **Typical Component Weight** 1.21 mg 78 Weeks Shelf Life MSL 1

SMD Comm X7R

Dimensions		S
Chip Size	0402	C
L	1mm +/-0.05mm	N
W	0.5mm +/-0.05mm	Т
т	0.5mm +/-0.05mm	١
S	0.3mm MIN	C
В	0.3mm +/-0.1mm	Г
		т

Packaging Specifications

\$

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	10000

Specifications	
Capacitance	120 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	50 VDC
Dielectric Withstanding Voltage	125 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5%1kHz1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	100 GOhms

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.