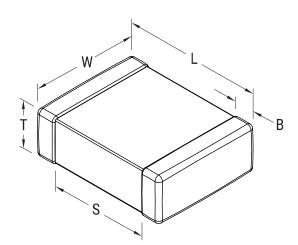


C0402C100M4RACTU

Aliases (C0402C100M4RAC7867) SMD Comm X7R, Ceramic, 10 pF, 20%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0402, 0.3 mm



Click here for the 3D model.

General Information		
Series	SMD Comm X7R	
Style	SMD Chip	
Description	SMD, MLCC, Temperature Stable, Class II	
Features	Temperature Stable, Class II	
RoHS	Yes	
Termination	Tin	
Marking	No	
AEC-Q200	No	
Typical Component Weight	1.21 mg	
Shelf Life	78 Weeks	
MSL	1	

	Specifications	
0402	Capacitance	10 pF
1mm +/-0.05mm	Measurement Condition	1 kHz 1.0Vrms
0.5mm +/-0.05mm	Tolerance	20%
0.5mm +/-0.05mm	Voltage DC	16 VDC
0.3mm MIN	Dielectric Withstanding Voltage	40 VDC
0.3mm +/-0.1mm	Temperature Range	-55/+125°C
	Temp. Coefficient	X7R
T&R, 180mm, Paper Tape	Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
10000	Dissipation Factor	3.5%1kHz1.0Vrms
	Aging Rate	3% Loss/Decade Hour: Referee Time is 48 Hours

100 GOhms

Insulation Resistance

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.

Dimensions

Packaging Specifications

Packaging Quantity

Chip Size

L W

Т

s

В

Packaging