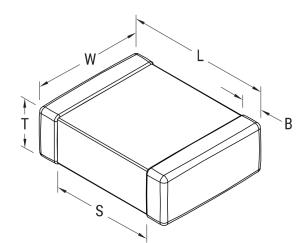


## C0603C152M5RECTU

Aliases (C0603C152M5REC7867)

ESD SMD Comm X7R, Ceramic, 1500 pF, 20%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 0603



Click here for the 3D model.

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
Т	0.8mm +/-0.07mm
S	0.7mm MIN
В	0.35mm +/-0.15mm

## Packaging Specifications Packaging

PackagingT&R, 180mm, Paper TapePackaging Quantity4000

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	No
AEC-Q200	No
Component Weight	4.8 mg
Shelf Life	78 Weeks
MSL	1

Specifications		
Capacitance	1500 pF	
Measurement Condition	1 kHz 1.0Vrms	
Capacitance Tolerance	20%	
Voltage DC	50 VDC	
ESD Level per AEC-Q200	12,000 V ESD Level	
Dielectric Withstanding Voltage	125 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%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.