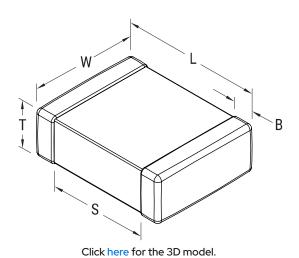


C0603C152K1RECTU

Aliases (C0603C152K1REC7867)

ESD SMD Comm X7R, Ceramic, 1,500 pF, 10%, 100 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 0603, 0.5 mm



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
Typical Component Weight	4.8 mg
Shelf Life	78 Weeks
MSL	1

03
nm +/-0.15mm
mm +/-0.15mm
mm +/-0.07mm
mm MIN
5mm +/-0.15mm
r

W	0.8mm +/-0.15mm	Tolerance	10%
Т	0.8mm +/-0.07mm	Voltage DC	100 VD0
S	0.5mm MIN	ESD Level per AEC-Q200	12,000 \
В	0.35mm +/-0.15mm	Dielectric Withstanding Voltage	250 VD
		Temperature Range	-55/+125
Packaging Specifications		Temp. Coefficient	X7R
Packaging	T&R, 180mm, Paper Tape	Capacitance Change with	15%, 1kH
Packaging Quantity	4000	Reference to +25°C and 0 VDC	

Specifications	
Capacitance	1,500 pF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	100 VDC
ESD Level per AEC-Q200	12,000 V ESD Level
Dielectric Withstanding Voltage	250 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% 1 kHz 1.0Vrms
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.

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