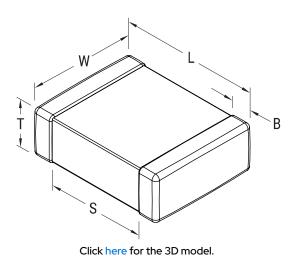




ESD SMD Comm X7R, Ceramic, 0.47 uF, 5%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Electro Static Discharge, Class II, 1206, 1.5 mm



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	Flexible Termination
Marking	No
AEC-Q200	No
Typical Component Weight	55 mg
Shelf Life	78 Weeks
MSL	1

Dimensions	
Chip Size	1206
L	3.3mm +/-0.4mm
W	1.6mm +/-0.35mm
Т	1.6mm +/-0.25mm
S	1.5mm MIN
В	0.6mm +/-0.25mm

W	1.6mm +/-0.35mm
Т	1.6mm +/-0.25mm
S	1.5mm MIN
В	0.6mm +/-0.25mm
Packaging Specifications	
Packaging	Bulk, Bag

Packaging Quantity

Specifications	
Capacitance	0.47 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	5%
Voltage DC	16 VDC
ESD Level per AEC-Q200	25,000 V ESD Level
Dielectric Withstanding Voltage	40 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	3.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	1.0638 GOhms

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