

C1210C154MCRAC7215

SMD Comm X7R HV, Ceramic, 0.15 uF, 20%, 500 VDC, X7R, SMD, MLCC, High Voltage, Temperature Stable, 1210, 1.5 mm



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General Information

Series	SMD Comm X7R HV
Style	SMD Chip
Description	SMD, MLCC, High Voltage, Temperature Stable
Features	High Voltage
RoHS	Yes
Termination	Tin
Marking	Yes
AEC-Q200	No
Typical Component Weight	105 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

Chip Size	1210
L	3.2mm +/-0.2mm
W	2.5mm +/-0.2mm
T	2.1mm +/-0.20mm
S	1.5mm MIN
B	0.5mm +/-0.25mm

Packaging Specifications

Packaging	T&R, 330mm, Plastic Tape
Packaging Quantity	8000

Specifications

Capacitance	0.15 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	20%
Voltage DC	500 VDC
Dielectric Withstanding Voltage	750 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% 1kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	666.7 MOhms

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