

**KEMET Part Number: C0603C334K9PALTU**  
(C0603C334K9PAL7867)

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SMD Comm X5R SnPb, Ceramic, 0.33 uF, 10%, 6.3 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 0603




#### Dimensions

Dimensions	
Chip Size	0603
L	1.6mm +/-0.15mm
W	0.8mm +/-0.15mm
T	0.8mm +/-0.10mm
S	0.7mm MIN
B	0.35mm +/-0.15mm

#### Packaging Specifications

Packaging:	T&R, 180mm, Paper Tape
Packaging Quantity:	4000

#### General Information

Series:	SMD Comm X5R SnPb
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	No
Prop 65:	 <b>WARNING:</b> Cancer and reproductive harm - <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a> .
Termination:	Lead (SnPb)
Marking:	No
AEC-Q200:	No
Component Weight:	6500 ug
Shelf Life:	78 Weeks
MSL:	1

#### Specifications

Capacitance:	0.33 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	6.3 VDC
Dielectric Withstanding Voltage:	15.75 VDC
Temperature Range:	-55/+85°C
Temperature Coefficient:	X5R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%, 1kHz 1.0Vrms
Dissipation Factor:	5% 1 kHz 1.0Vrms
Aging Rate:	5% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance:	1.5152 GOhms

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