

SMD Comm X7R, Ceramic, 0.033 uF, 10%, 10 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0402



**Dimensions**

Chip Size	0402
L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
S	0.3mm MIN
B	0.3mm +/-0.1mm

**Packaging Specifications**

Packaging:	T&R, 330mm, Paper Tape
Packaging Quantity:	50000

**General Information**

Series:	SMD Comm X7R
Style:	SMD Chip
Description:	SMD, MLCC, Temperature Stable, Class II
Features:	Temperature Stable, Class II
RoHS:	Yes
Termination:	Tin
Marking:	No
AEC-Q200:	No
Miscellaneous:	Note: Referee time for X7R dielectric for this part number is 1000 hours.
Shelf Life:	78 Weeks
MSL:	1

**Specifications**

Capacitance:	0.033 uF
Measurement Condition:	1 kHz 1.0Vrms
Capacitance Tolerance:	10%
Voltage DC:	10 VDC
Dielectric Withstanding Voltage:	25 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:	5% 1 kHz 1.0Vrms
Aging Rate:	3% Loss/Decade Hour
Insulation Resistance:	10 GOhms