

KEMET Part Number: C0402C335M7PACTU
(C0402C335M7PAC7867)

SMD Comm X5R, Ceramic, 3.3 uF, 20%, 4 VDC, X5R, 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, 180mm, Paper Tape
Packaging Quantity:	10000

General Information

Series:	SMD Comm X5R
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 X5R dielectric for this part number is 48 hours.
Shelf Life:	78 Weeks
MSL:	1

Specifications

Capacitance:	3.3 uF
Measurement Condition:	1 kHz 0.5Vrms
Capacitance Tolerance:	20%
Voltage DC:	4 VDC
Dielectric Withstanding Voltage:	10 VDC
Temperature Range:	-55/+85°C
Temperature Coefficient:	X5R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):	15%,1kHz 0.2Vrms
Dissipation Factor:	10% 1 kHz 0.5Vrms
Aging Rate:	5% Loss/Decade Hour
Insulation Resistance:	30 MOhms