

KEMET Part Number: C0603C105M3PACTU
(C0603C105M3PAC7867)

SMD Comm X5R, Ceramic, 1 uF, 20%, 25 V, X5R, SMD, MLCC, Temperature Stable, Class II, 0603



Dimensions

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

Packaging Specifications

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

General Information

General Information	
Supplier:	KEMET
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
Failure Rate:	N/A
Miscellaneous:	Note: Referee time for X5R dielectric for this part number is 48 hours
Chip Size:	0603

Specifications

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Capacitance:	1 uF
Capacitance Tolerance:	20%
Voltage DC:	25 VDC
Dielectric Withstanding Voltage:	62.5 V
Temperature Range:	-55/+85C
Temperature Coefficient:	X5R
Dissipation Factor:	5% 1kHz 25C
Aging Rate:	5% Loss/Decade Hour
Insulation Resistance:	100 MOhms