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**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
Typical Component Weight	41 mg
Shelf Life	78 Weeks
MSL	1

**Specifications**

Capacitance	47 uF
Measurement Condition	120 Hz 0.5Vrms
Tolerance	20%
Voltage DC	10 VDC
Dielectric Withstanding Voltage	25 VDC
Temperature Range	-55/+85°C
Temp. Coefficient	X5R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 120Hz 0.5Vrms
Dissipation Factor	10% 120 Hz 0.5Vrms
Aging Rate	5% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	2.1 MOhms

Dimensions	
L	3.2mm +/-0.3mm
W	1.6mm +/-0.3mm
T	1.6mm +/-0.20mm
S	1.5mm MIN
B	0.5mm +0.35/-0.25mm
Case Code (EIA / mm)	1206 / 3216

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

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