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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	21 mg
Shelf Life	78 Weeks
MSL	1

**Specifications**

Capacitance	47 uF
Measurement Condition	120 Hz 0.5Vrms
Tolerance	20%
Voltage DC	4 VDC
Dielectric Withstanding Voltage	10 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	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.20mm
S	0.7mm MIN
B	0.5mm +/-0.25mm
Case Code (EIA / mm)	0805 / 2012

**Packaging Specifications**

Packaging	T&R, 180mm, Plastic Tape
Packaging Quantity	2500

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