



Click [here](#) for the 3D model.

**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	1.41 mg
Shelf Life	78 Weeks
MSL	1

**Specifications**

Capacitance	4.7 uF
Measurement Condition	1 kHz 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%, 1kHz 0.2Vrms
Dissipation Factor	10% 1 kHz 0.5Vrms
Aging Rate	5% Loss/Decade Hour: Referee Time is 48 Hours
Insulation Resistance	21.3 MOhms

**Dimensions**

L	1mm +/-0.2mm
W	0.5mm +/-0.2mm
T	0.5mm +/-0.15mm
S	0.3mm MIN
B	0.3mm +/-0.1mm
Case Code (EIA / mm)	0402 / 1005

**Packaging Specifications**

Packaging	T&R, 180mm, Paper Tape
Packaging Quantity	10000

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.