



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

**General Information**

Series	CC X7R
Style	SMD Chip
Description	SMD, MLCC, General Purpose
RoHS	Yes
Termination	Tin
Halogen Free	Yes
MSL	1

**Dimensions**

L	1mm +/-0.05mm
W	0.5mm +/-0.05mm
T	0.5mm +/-0.05mm
B	0.25mm +/-0.100mm
Case Code (EIA / mm)	0402 / 1005

**Packaging Specifications**

Packaging	T&R, 330mm, Paper Tape
Packaging Quantity	50000

**Specifications**

Capacitance	0.1 uF
Tolerance	10%
Voltage DC	16 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Dissipation Factor	5%
Insulation Resistance	10 GOhms

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.