

C0805C125K4RACTU

Aliases (C0805C125K4RAC7800)

SMD Comm X7R, Ceramic, 1.2 uF, 10%, 16 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0.7 mm, 0805 / 2012



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

General Information

Series	SMD Comm X7R
Style	SMD Chip
Description	SMD, MLCC, Temperature Stable, Class II
Features	Temperature Stable, Class II
RoHS	Yes
Termination	Tin
Marking	No
Typical Component Weight	16 mg
Shelf Life	78 Weeks
MSL	1

Dimensions

L	2mm +/-0.2mm
W	1.25mm +/-0.2mm
T	1mm +/-0.10mm
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

Specifications

Capacitance	1.2 uF
Measurement Condition	1 kHz 1.0Vrms
Tolerance	10%
Voltage DC	16 VDC
Dielectric Withstanding Voltage	40 VDC
Temperature Range	-55/+125°C
Temp. Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	3.5% 1 kHz 1.0Vrms
Aging Rate	3% Loss/Decade Hour: Referee Time is 1000 Hours
Insulation Resistance	416.7 MOhms

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