

Datasheet

RS Pro 1nF Multilayer Ceramic Capacitor (MLCC) 50 V dc $\pm 10\%$ X7R dielectric MC max op. temp. $+125^{\circ}\text{C}$

RS Stock No: **770-4248**



Product Details

RS Pro multi-layer ceramic capacitor has a capacitance of 1 nF. This 50 V dc rated capacitor includes X7R dielectric. It is suitable for working temperatures up to $+125^{\circ}\text{C}$.

Features and Benefits

- Full reel
- Surface mount
- Suitable for machine positioning

Specifications:

Capacitor Family	Multilayer
Dielectric	X7R
Dielectric Material Family	Ceramic
Mounting Type	Surface Mount
Terminal Type	Surface Mount
Capacitance	1 nF
Depth	1.25 mm
Dimensions	2 x 1.25 x 0.8 mm
Height	0.8 mm
Length	2 mm
Maximum Operating Temperature	+125°C
Minimum Operating Temperature	-55°C
Temperature Coefficient	±15 ppm/°C
Tolerance	±10%
Tolerance (Minus)	-10%
Tolerance (Plus)	+10%
Package/Case	0805
Voltage	50 V dc
Application	Machine Positioning, Mobile Phones, Video & Tuner Designs, Decoupling
Package Type	Tape & Reel
Standards Met	RoHS Compliant; EIAJ-RC3402; EIA-RS198 & IEC PUB 384-10