

ENGLISH

Datasheet

RS Pro 1nF Multilayer Ceramic Capacitor (MLCC) 16 V dc ±5% NP0 dielectric MC max op. temp. +125°C RS Stock No: 770-4210



Product Details

RS Pro multi-layer ceramic capacitor has a capacitance of 1 nF. This 16 V dc rated capacitor includes X7R dielectric. It is suitable for working temperatures up to +125°C.

Features and Benefits

- Full reel
- Surface mount
- Suitable for machine positioning



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Specifications:

| Capacitor Family | Multilayer |
|-------------------------------|--|
| Dielectric | NP0 |
| 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 | ±30 ppm/°C |
| Tolerance | ±5% |
| Tolerance (Minus) | -5% |
| Tolerance (Plus) | +5% |
| Package/Case | 0805 |
| Voltage | 16 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 |

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.