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Datasheet

RS Pro 6.8nF Multilayer Ceramic Capacitor (MLCC) 16 V dc ±10% X7R dielectric MC max op. temp. +125°C

RS Stock No: **770-4232**



Product Details

RS Pro multi-layer ceramic capacitor has a capacitance of 6.8 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

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.

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Specifications:

Capacitor Family	Multilayer
Dielectric	X7R
Dielectric Material Family	Ceramic
Mounting Type	Surface Mount
Terminal Type	Surface Mount
Capacitance	6.8 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	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

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