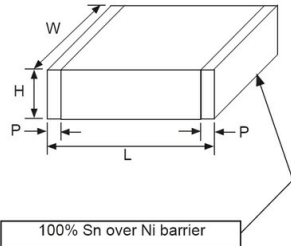


NMC0603X5R105K25TRP4KF CAP SMT 0603 1µF 25VDC

NMC0603X5R105K25TRP4KF

Product Series	NMC High Cap
Series Description	High CV X5R Dielectric MLCC
Dielectric	X5R
Dielectric Tolerance	±15%
Temperature Range	-55°C ~ 85°C
Capacitance	1µF ± 10%
Voltage	25Vdc
IR	100 MΩ#8486; min.
Dielectric Withstanding Voltage	250% of Rated Voltage for 5 ± 1 sec., 50mA max.



L	1.6 ± 0.15
W	0.8 ± 0.15
H	1.0 max.
P	0.1~0.65

General Info

- **NMC High Cap** is a NIC Focus Series and most preferred for new designs
- **NMC0603X5R105K25TRP4KF** is a focus preferred for new designs

For New Designs NIC recommends: [\(Click to Compare\)](#)

NMC0402X5R105K25TRPF
 NMC0402X5R105K50TRPF
 NMC0603X5R105K25TRPF
 NMC0603X5R105M25TRPF

[View Datasheet on Series Page](#)

▲ View terms of use, before using this product.

Specs, Samples & Stock

Part Number Listing
 Order Samples

[Capacitor QuickBUILDER](#)

Application Focus

Contact NIC for application info

[Product Resource Center](#)

Environmental Info

Moisture Sensitivity Level (MSL) - 1
 RoHS Compliant - [Yes](#)
 China RoHS Compliant - [Yes](#)
 EU REACH Compliant: [Yes](#)
 Halogen Free: Yes

[More Details](#)