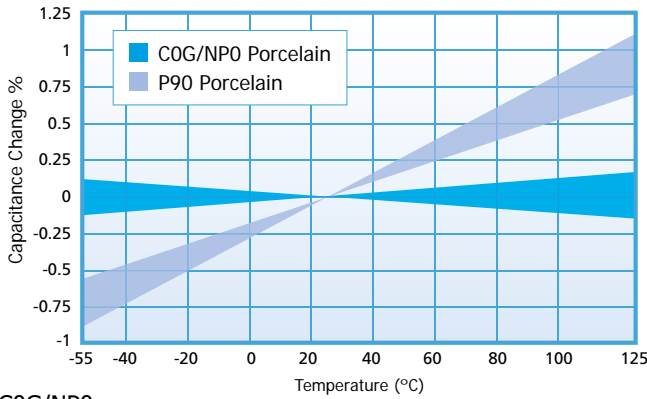


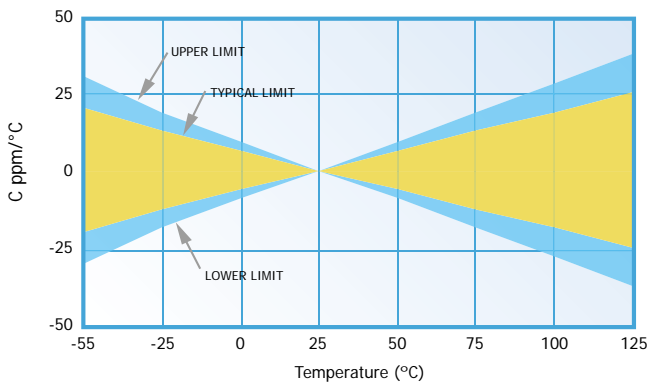
# Dielectric characteristics

## Typical dielectric temperature characteristics

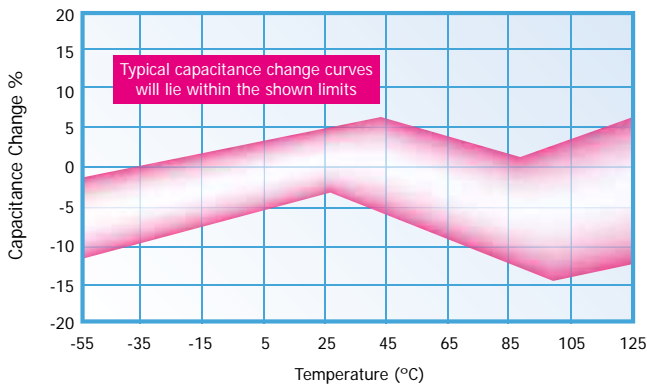
Porcelain COG/NP0 & P90



COG/NP0

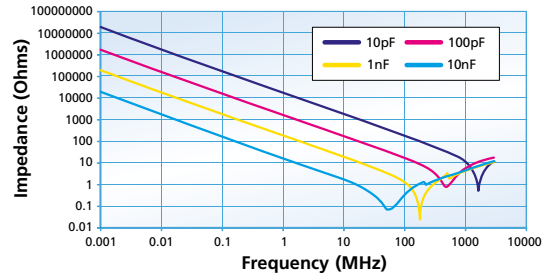


X7R

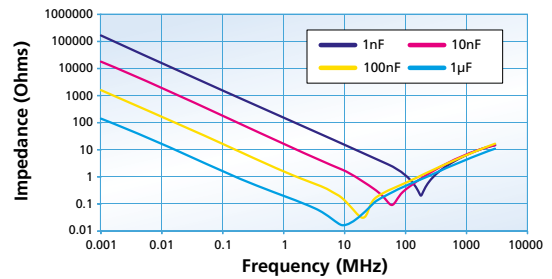


## Impedance vs Frequency

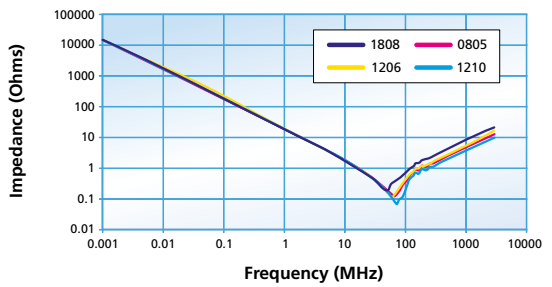
Ultra Stable COG/NP0 dielectric



Stable X7R dielectric

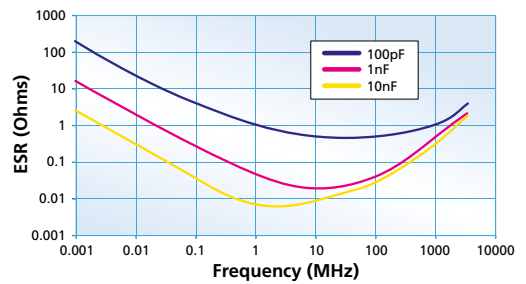


Stable X7R dielectric - 10nF



## ESR vs Frequency - chips

Ultra Stable COG/NP0 dielectric



Stable X7R dielectric

