

High Q MLC Capacitor Product Families

Knowles has kept production lead times down to 10-14 weeks ARO, or sooner.

» **HIGH POWER RF**

- Ultra-low loss High Q ceramic capacitors with COG/NPO characteristics
- Suitable for high power applications where minimal power loss and very low self heating is demanded
- Surface mount and ribbon leaded versions
- Voltages up to 7.2kV

» **“Q” and “U” RANGE**

- Very stable High Q material system that provides excellent low loss performance in high frequency systems
- Optimized for lowest possible ESR
- Suitable for applications where economical, high performance is required
- Termination options include ribbon leads, non-magnetic (SM & ribbon leads) and tin/lead plated where special finishes are required
- -55°C to +125°C (175°C option available)

» **“H” RANGE**

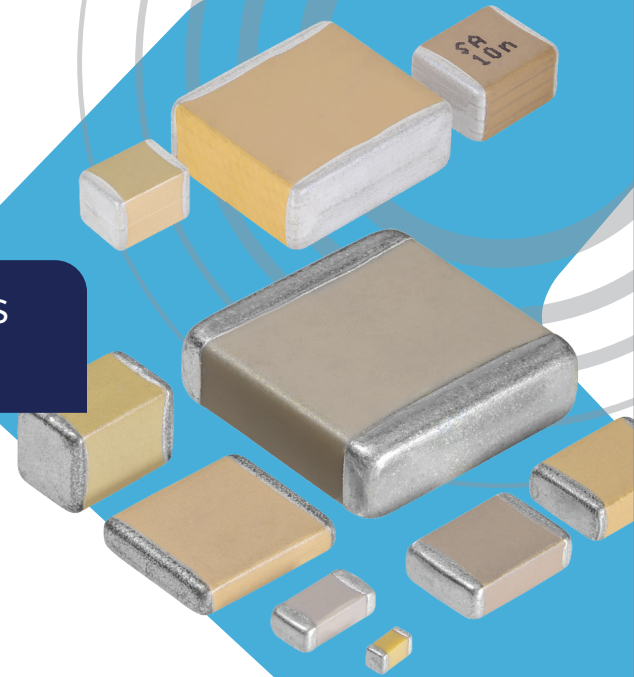
- Very stable X8G High Q material system that provides excellent low loss performance
- This electrode system provides low metal losses resulting in flatter performance curves and reduced losses at higher frequencies
- Temperature range -55°C to +150°C
- 175°C option available

» **PORCELAIN (AH)**

- A range of ultra-stable Hi Q, low ESR porcelain capacitors with high self-resonance combined with established reliability
- Positive TC “P90”
- Low noise

» **PORCELAIN (CF)**

- Ultra-stable Hi Q, low ESR
- Operating range -55°C to +125°C
- High self-resonance



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today to see what
Knowles can do
for you.

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