

FM2 Low ESR MLCC Series (X7R)

FM2 is a range of MLC capacitors with a guaranteed non-magnetic build and optimized design to achieve ESR much lower than standard X7R MLCC's. These capacitors are ideal for critical applications such as NMR/MRI which require efficient low loss performance, such as blocking caps. These capacitors meet high capacitance level requirements while also offering minimal noise introduction and loss.

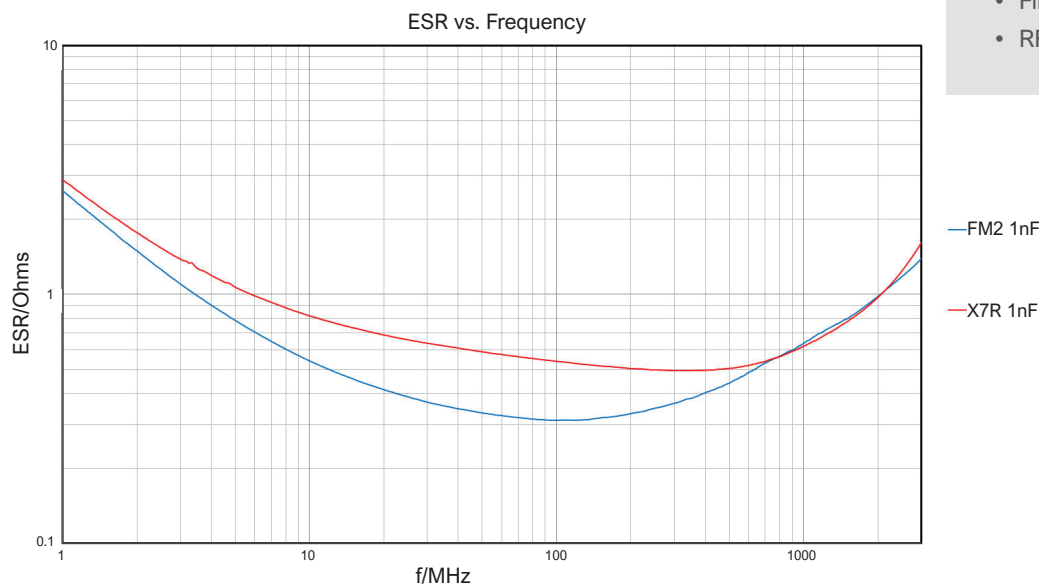
Please contact Knowles for more information on the latest updates.

KNOWLES COMPETITIVE ADVANTAGE

- Achieves very low ESR without compromising capacitance level
- Non-Magnetic Construction for MRI
- High CV
- RoHS Compliant, Lead Free
- Offering Case Sizes 0402-0805

APPLICATIONS

- RF Transceivers
- MRI Applications
- Nuclear magnetic resonance
- Power Amplifiers
- Radar Systems
- Filters and Coupling
- RF Testing and Measurements



Ordering Information -
FM2 Non-magnetic Range

0603	2	100	0183	K	X	T	FM2
Chip Size	Termination	Voltage d.c. (marking code)	Capacitance in Pico farads (pf)	Capacitance Tolerance	Dielectric Codes	Packaging	Suffix
0402 0505 0603 0805	2 = Sintered silver base with copper barrier (100% matte tin plating). RoHS compliant. Available on High Q only.	050 = 50V 063 = 63V 100 = 100V 200 = 200V 250 = 250V 500 = 500V 1K0 = 1kV	First digit is 0. Second and third digits are significant figures of capacitance code. The fourth digit is the number of zeros following. e.g., 0101 = 100 pF Values are E24 series	J: $\pm 5\%$ K: $\pm 10\%$ M: $\pm 20\%$	X = X7R	T = 178mm (7") reel R = 330mm (13") reel B = Bulk pack - tubs or trays	FM2 = Low Loss improved performance