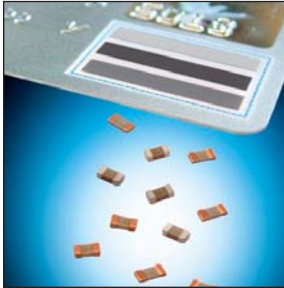


UltraThin Ceramic Capacitors

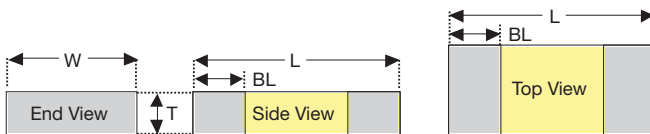
UT023D103MAT2C



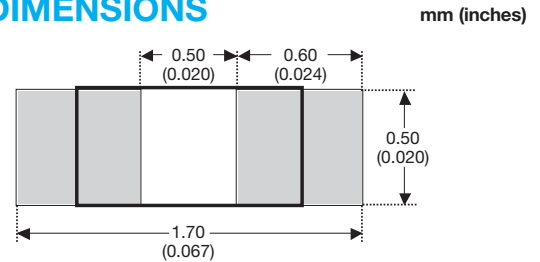
The Ultrathin (UT) series of ceramic capacitors is a new product offering from AVX. The UT series was designed to meet the stringent thickness requirements of our customers. AVX developed a new termination process (FCT - Fine Copper Termination) that provides unbeatable flatness and repeatability. The series includes products < 0.35mm in height and is targeted for applications such as Smart cards, Memory modules, High Density SIM cards, Mobile phones, MP3 players, and embedded solutions.

HOW TO ORDER

UT	02	3	D	103	M	A	T	2	C
Style Ultra Thin	Case Size 0402	Rated Voltage 25V	Temperature Characteristic X5R	Coded Cap 0.01 μ F	Cap Tolerance $\pm 20\%$	Termination Style Commercial	Termination 100% Sn	Packaging 7" Reel = 15,000 pcs 13" Reel = 50,000 pcs	Thickness 0.30mm max

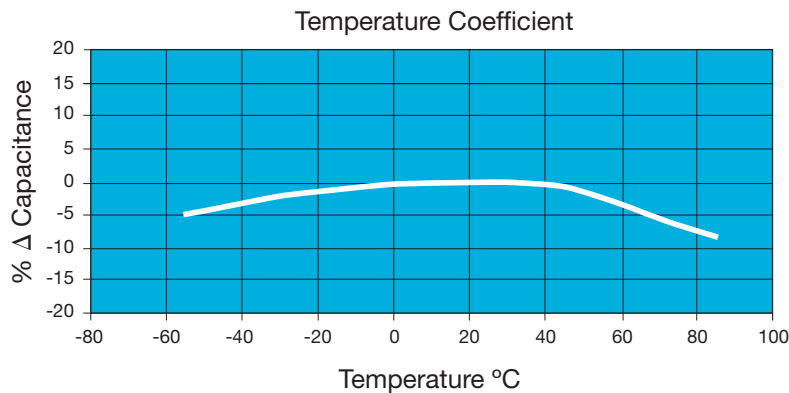


RECOMMENDED SOLDER PAD DIMENSIONS



PART DIMENSIONS

inches (mm)			
L	W	T	BL
1.00 \pm 0.10 (0.039 \pm 0.004)	0.50 \pm 0.10 (0.020 \pm 0.004)	0.25 \pm 0.05 (0.010 \pm 0.002)	0.25 \pm 0.10 (0.010 \pm 0.004)



PERFORMANCE CHARACTERISTICS

Capacitance Value	0.01 μ F
Capacitance Tolerance	$\pm 20\%$
Dissipation Factor Range	3.0%
Operating Temperature	-55°C to +85°C
Temperature Coefficient	$\pm 15\%$
Rated Voltage	25V
Insulation Resistance at 25°C and Rated Voltage	100,000 Mohms
Test Frequency	1 Vrms @ 1 KHz

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Multilayer Ceramic Capacitors MLCC - SMD/SMT category:](#)

Click to view products by [Kyocera AVX manufacturer:](#)

Other Similar products are found below :

[D55342E07B523DR-T/R](#) [NCA1206X7R103K50TRPF](#) [NCA1206X7R104K16TRPF](#) [NIN-FB391JTRF](#) [NIN-FC2R7JTRF](#)
[NMC0402NPO220J50TRPF](#) [NMC0402X5R105K6.3TRPF](#) [NMC0402X5R224K6.3TRPF](#) [NMC0402X7R103J25TRPF](#)
[NMC0402X7R153K16TRPF](#) [NMC0603NPO330G50TRPF](#) [NMC0603NPO331F50TRPF](#) [NMC0603X5R475M6.3TRPF](#)
[NMC0805NPO220J100TRPF](#) [NMC0805NPO270J50TRPF](#) [NMC0805NPO681F50TRPF](#) [NMC0805NPO820J50TRPF](#)
[NMC1206X7R102K50TRPF](#) [NMC1210Y5V105Z50TRPLPF](#) [NMC-H0805X7R472K250TRPF](#) [NMC-L0402NPO7R0C50TRPF](#) [NMC-](#)
[L0603NPO2R2B50TRPF](#) [NMC-Q0402NPO8R2D200TRPF](#) [C1206C101J1GAC](#) [C1608C0G2A221J](#) [C1608X7R1E334K](#) [C2012C0G2A472J](#)
[2220J2K00562KXT](#) [KHC201E225M76N0T00](#) [1812J2K00332KXT](#) [CCR06CG153FSV](#) [CDR14BP471CJUR](#) [CDR31BX103AKWR](#)
[CDR33BX683AKUS](#) [CGA2B2C0G1H010C](#) [CGA2B2C0G1H040C](#) [CGA2B2C0G1H050C](#) [CGA2B2C0G1H060D](#) [CGA2B2C0G1H070D](#)
[CGA2B2C0G1H120J](#) [CGA2B2C0G1H151J](#) [CGA2B2C0G1H1R5C](#) [CGA2B2C0G1H2R2C](#) [CGA2B2C0G1H390J](#) [CGA2B2C0G1H391J](#)
[CGA2B2C0G1H3R3C](#) [CGA2B2C0G1H680J](#) [CGA2B2C0G1H6R8D](#) [CGA2B2C0G1H820J](#) [CGA2B2X8R1H152K](#)