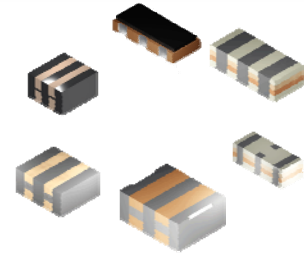


MZTTC Series Ceramic Resonator



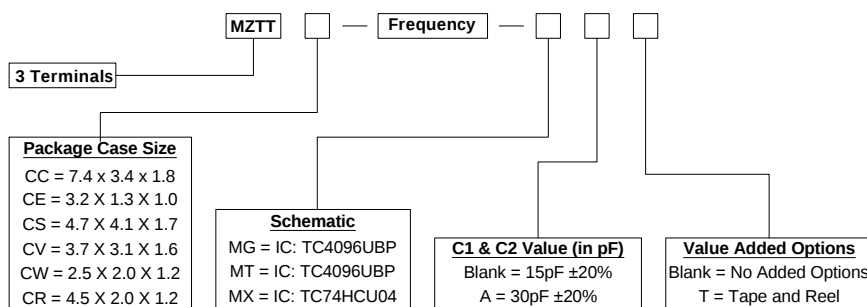
- 6 Package Options
- Ceramic SMD
- RoHS Compliant



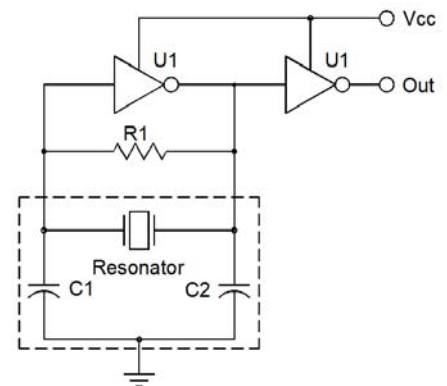
Part Number ◀ = MHz	Frequency Range	Frequency Accuracy	Temperature Stability (-25°C to +85°C)	Aging for 10 Years
MZTTC□MG	2.00 MHz to 8.00 MHz	±0.5%	±0.3%	±0.3%
MZTTCR□MG	4.00 MHz to 8.00 MHz	±0.5%	±0.3%	±0.3%
MZTTC□MT	6.00 MHz to 13.00 MHz	±0.5%	±0.4%	±0.3%
MZTTCV□MT	8.00 MHz to 13.00 MHz	±0.5%	±0.4%	±0.3%
MZTTC□MG	8.00 MHz to 12.00 MHz	±0.5%	±0.3%	±0.3%
MZTTC□MX	13.01 MHz to 50.00 MHz	±0.5%	±0.3%	±0.3%
MZTTCV□MX	16.00 MHz to 50.00 MHz	±0.5%	±0.3%	±0.3%
MZTTCW□MX	20.00 MHz to 50.00 MHz	±0.5%	±0.3%	±0.3%

Part Number Guide

Schematic



Please Consult with MMD Sales Department for any other Parameters or Options



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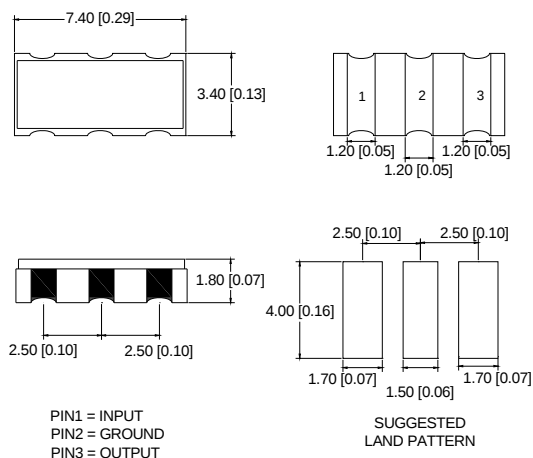
ILSI America LLC – MMD Inc.
 5458 Louie Lane, Reno, NV 89511
 Tel: (775) 851-8880, Fax: (775) 851-8882
www.mmdcomp.com e-mail@ilsiamerica.com



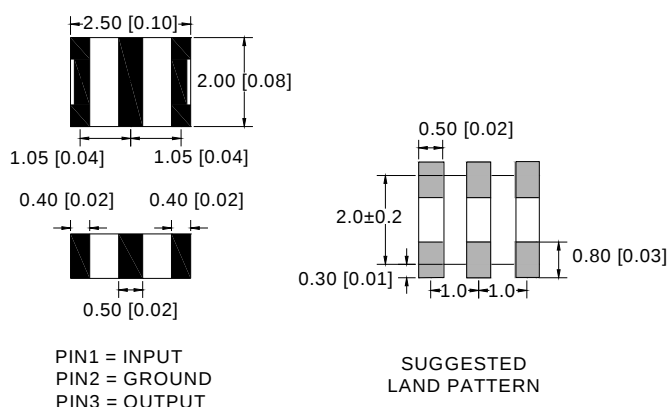
Revision: 08/24/17 J

Package Dimensions

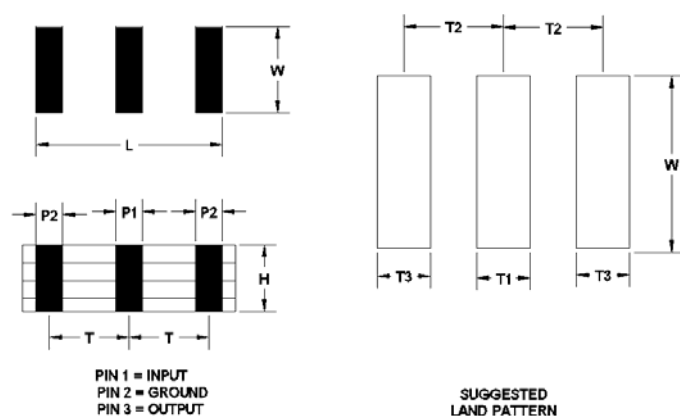
CC



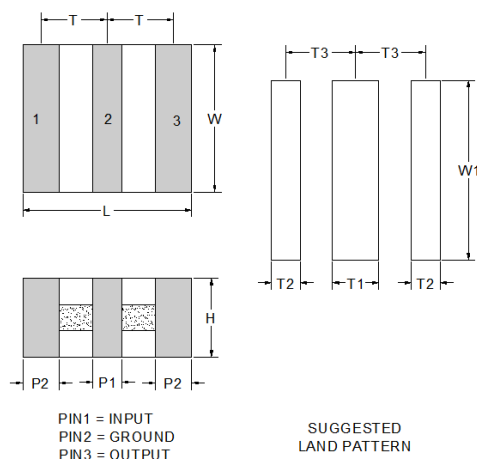
CW



CE/CR



CS/CV



Model	L	W	H	P1	P2	T
CR	4.5±0.2	2.0±0.2	1.2 MAX	0.8±0.2	0.8±0.2	1.5±0.2
CE	3.2±0.1	1.3±0.1	1.0 MAX	0.4±0.1	0.4±0.1	1.2±0.1
CS	4.7±0.2	4.1±0.2	1.7±0.2	1.0±0.2	0.8±0.2	1.95±0.2
CV	3.7±0.2	3.1±0.2	1.6±0.2	0.9±0.2	0.7±0.2	1.5±0.2
LAND PATTERN DIMENSIONS						
Model	T1	T2	T3	W		
CR	0.8±0.2	1.5±0.2	0.8±0.2	2.6±0.2		
CE	0.4±0.2	0.4±0.2	1.2±0.2	2.0±0.2		
CS	1.3±0.2	0.8±0.2	1.95±0.2	5.1±0.2		
CV	0.9±0.2	0.7±0.2	1.5±0.2	4.1±0.2		

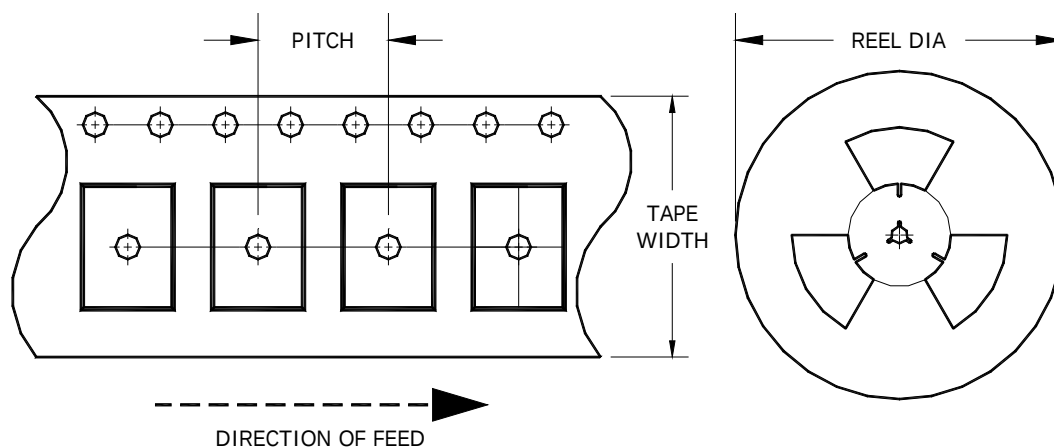
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Revision: 08/24/17 J

Tape and Reel Dimensions



Part No.	Component Size	Pitch	Tape Width	Reel Size	Qty	Reel Size	Qty
MZTTCC□MG	7.4 x 3.4 x 1.8	8.0	16.0	179 ±2	1000	330 ±3	4000
MZTTCR□MG	4.5 x 2.0 x 1.2	4.0	12.0	179 ±2	1000	330 ±3	4000
MZTTCS□MT	4.7 x 4.1 x 1.7	8.0	12.0	179 ±2	1000	330 ±3	4000
MZTTCV□MT	3.7 x 3.1 x 1.6	8.0	12.0	179 ±2	1000	330 ±3	4000
MZTTCE□MG	3.2 x 1.3 x 1.0	4.0	8.00	179 ±2	1000	330 ±3	4000
MZTTCS□MX	4.7 x 4.1 x 1.7	8.0	12.0	179 ±2	1000	330 ±3	4000
MZTTCV□MX	3.7 x 3.1 x 1.6	8.0	12.0	179 ±2	1000	330 ±3	4000
MZTTCW□MX	2.5 x 2.0 x 1.2	4.0	8.0	179 ±2	1000	330 ±3	4000

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