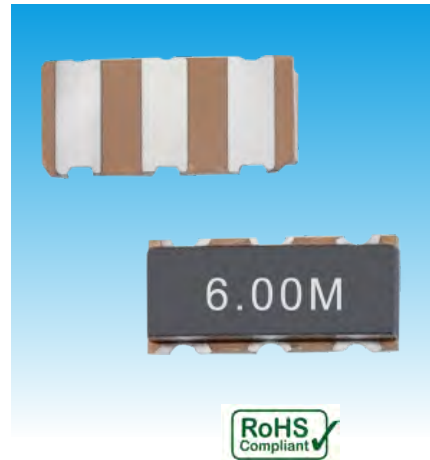


Features

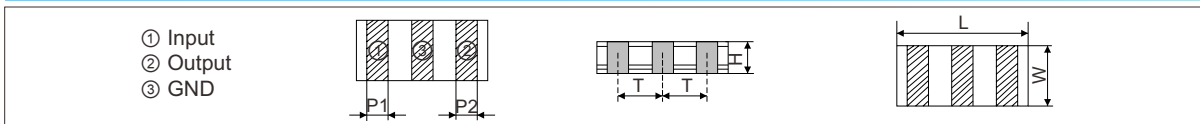
- 3-Pad SMD Package Ceramic Resonator
- Resistant to Shock and Vibration
- Cost-Effective
- Frequency Range from 2MHz to 60MHz
- Great Temperature Stability ($\pm 0.3\%$)
- Automatic Mounting and Reflow Soldering
- Applications: Security, Consumer Device, Radio, Transceiver, Legacy PCB



Standard Specifications

Part Number	Frequency Range (MHz)	Frequency Accuracy (at 25°C)	Frequency Stability	Operating Temperature	Frequency Aging
ZTTCC...MG	2.0~8.00	$\pm 0.5\%$	$\pm 0.3\%$	-25~+80°C	$\pm 0.3\%$
ZTTCR...MG	4.0~8.00	$\pm 0.5\%$	$\pm 0.3\%$	-25~+80°C	$\pm 0.3\%$
ZTTCE...MG	8.00~12.00	$\pm 0.5\%$	$\pm 0.3\%$	-25~+80°C	$\pm 0.3\%$
ZTTCS...MT	6.00~13.00	$\pm 0.5\%$	$\pm 0.3\%$	-25~+80°C	$\pm 0.3\%$
ZTTCV...MT	8.00~13.00	$\pm 0.5\%$	$\pm 0.3\%$	-25~+80°C	$\pm 0.3\%$
ZTTCS...MX	13.00~60.00	$\pm 0.5\%$	$\pm 0.3\%$	-25~+80°C	$\pm 0.3\%$
ZTTCV...MX	16.00~60.00	$\pm 0.5\%$	$\pm 0.3\%$	-25~+80°C	$\pm 0.3\%$
ZTTCW...MX	20.00~60.00	$\pm 0.5\%$	$\pm 0.3\%$	-25~+80°C	$\pm 0.3\%$
ZTT CZ...MX	24.00~45.00	$\pm 0.5\%$	$\pm 0.3\%$	-25~+80°C	$\pm 0.3\%$
ZTTCP...MG	2.00~12.00	$\pm 0.5\%$	$\pm 0.3\%$	-25~+80°C	$\pm 0.3\%$

Dimensions [mm]



Part Number	Size [mm]					
	L	W	H	P1	P2	T
ZTTCC..MG	7.4	3.4	1.8 Max.	1.2	1.2	2.5
ZTTCR..MG	4.5	2.0	1.2 Max.	0.8	0.8	1.5
ZTTCE..MG	3.2	1.3	1.0 Max.	0.4	0.4	1.2
ZTTCS..MT/MX	4.7	4.1	1.4 Max.	1.0	0.8	2.0
ZTTCV..MT/MX	3.7	3.1	1.4 Max.	0.9	0.7	1.0
ZTTCW..MX	2.5	2.0	1.2 Max.	0.5	0.4	1.0
ZTT CZ..MX	2.2	1.8	1.2 Max.	0.4	0.5	0.9
ZTTCP..MG	6.0	3.0	1.8 Max.	1.2	1.2	2.5

Tolerance: 0.2