

Features

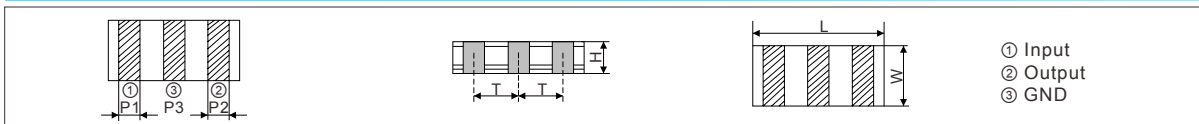
- Surface mount package ceramic resonator
- Resistant to damage from impact and vibration
- Low cost
- Excellent temperature stability ($\pm 0.3\%$)
- Automatic mounting and reflow soldering
- Applications: *Security, Consumer device, TV, Radio, Receiver, etc.*



Standard Specifications

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

Dimensions [mm]



Part Number	Size Code	Size (mm)					
		L	W	H	P1	P2	T
ZTTCC..MG		7.4 \pm 0.2	3.4 \pm 0.2	1.8 \pm 0.2	1.2 \pm 0.2	1.2 \pm 0.2	2.5 \pm 0.2
ZTTCR..MG		4.5 \pm 0.2	2.0 \pm 0.2	1.2 Max.	0.8 \pm 0.2	0.8 \pm 0.2	1.5 \pm 0.2
ZTTCE..MG		3.2 \pm 0.2	1.3 \pm 0.2	1.0 Max.	0.4 \pm 0.2	0.4 \pm 0.2	1.2 \pm 0.2
ZTTCS..MT/MX		4.7 \pm 0.2	4.1 \pm 0.2	(1.2+A) \pm 0.2	1.0 \pm 0.2	0.8 \pm 0.2	1.95 \pm 0.2
ZTTCV..MT/MX		3.7 \pm 0.2	3.1 \pm 0.2	(1.0+A) \pm 0.2	0.9 \pm 0.2	0.7 \pm 0.2	1.0 \pm 0.2
ZTTCW..MX		2.5 \pm 0.2	2.0 \pm 0.2	1.2 Max.	0.5 \pm 0.2	0.4 \pm 0.2	1.0 \pm 0.2
ZTT CZ..MX		2.2 \pm 0.2	1.8 \pm 0.2	1.2 Max.	0.4 \pm 0.2	0.5 \pm 0.2	0.85 \pm 0.2
ZTTCP..MG		6.0 \pm 0.2	3.0 \pm 0.2	1.8 \pm 0.2 1.5 \pm 0.2 1.7 \pm 0.2	1.2 \pm 0.2	1.2 \pm 0.2	2.5 \pm 0.2