Ceramic Resonator

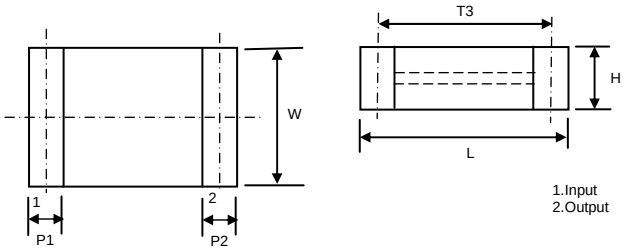
ZTACE, ZTTCE, ZTACR, ZTTCR Case (SMD)

Feature & Applications:

- Small Outline
- Low impedance
- Consumer Applications

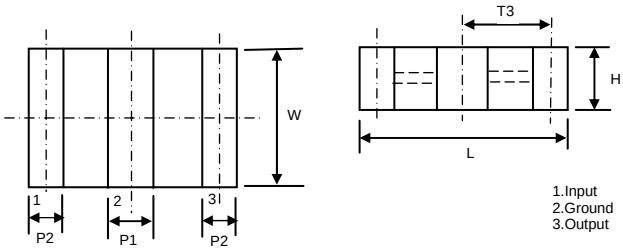
■ Outline Drawing

Dimension (Unit=mm)



Dimensions	L	W	H	P1	P2	T3
ZTACE	3.2±0.2	1.3±0.2	0.8±0.2	0.4±0.2	0.4±0.2	2.4±0.2
ZTACR	4.5±0.2	2.0±0.2	1.2±0.2	0.8±0.2	0.8±0.2	3.0±0.2

ZTACE / ZTACR

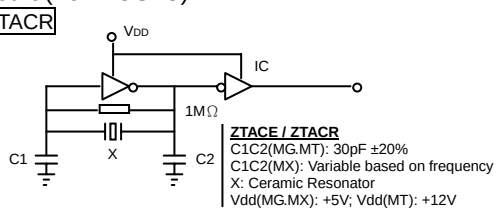


Dimensions	L	W	H	P1	P2	T3
ZTTCE	3.2±0.2	1.3±0.2	0.8±0.2	0.6±0.4	0.4±0.2	1.2±0.2
ZTTCR	4.5±0.2	2.0±0.2	1.2±0.2	1.0±0.2	0.8±0.2	1.5±0.2

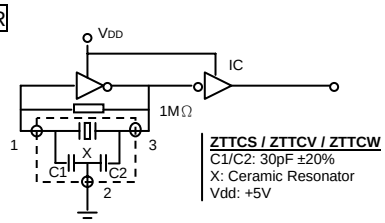
ZTTCE / ZTTCR

■ Test Circuit (For MOS IC)

ZTACE / ZTACR



ZTTCE / ZTTCR



■ General Characteristics

Part No.	Frequency Range	Frequency Tolerance	Stability -20~+80°C	Aging 10 years	Resonant Impedance	Load Cap (pF)	
						CL1	CL2
ZTACE8.00-12.00 MG	8.00 ~ 12.00 MHz	±0.5%	±0.4%	±0.3%	30 ~ 60Ω	30	30
ZTTCE8.00-12.00 MG	8.00 ~ 12.00 MHz	±0.5%	±0.4%	±0.3%	30 ~ 60Ω	-	-
ZTACR4.00-8.00 MG	4.00 ~ 8.00 MHz	±0.5%	±0.3%	±0.3%	30 ~ 60Ω	30	30
ZTTCR4.00-8.00 MG	4.00 ~ 8.00 MHz	±0.5%	±0.3%	±0.3%	30 ~ 60Ω	-	-

Part Number Guide:

ZTACE	-	8.00M	-	G	-	05	-	N
Ceramic		**Frequency**		**Range**		**Tolerance**		**Options**
SMD Resonator Case Type		8.00M = 8MHz		G = 4.0~12MHz		05 = ±0.5%		N=No option

Other combination is available