

# IR ZTAC

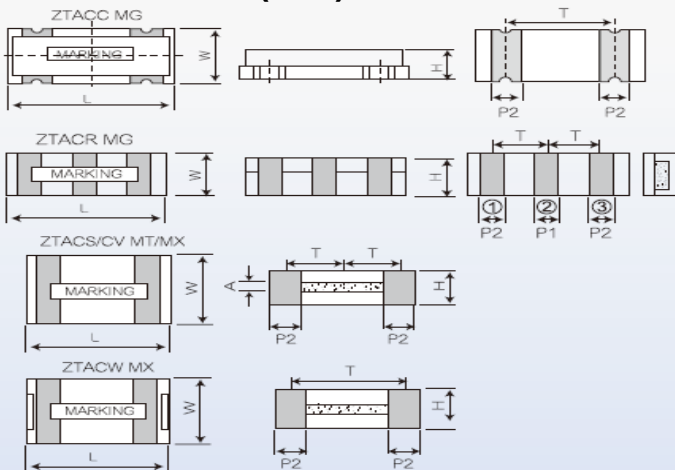


## Ceramic Resonator

### Specification

MODEL		ZTACC MG	ZTACR MG	ZTACS MT	ZTACV MT	ZTACS MX	ZTACV MX	ZTACW MX
Nominal Frequency	MHz	2,00-8,00	4,00-8,00	6,00-13,00	8,00-13,00	13,01-60,00	16,00-60,00	20,00-60,00
Frequency Tolerance ( 25 °C )	%	±0,5						
Frequency Stability ( -20~+80°C )	%	±0,3	±0,3	± 0,4	±0,4	±0,3	±0,3	±0,3
Operating Temperature Range	°C	-20 to +80						
Storage Temperature Range	°C	-55 to +85						
Aging for 10 years	%	±0,3						
Test Circuit for MOS IC	MG Series	1/6TC4069UBP x2						
	MT Series	1/6TC4069UBP x2						
	MX Series	1/6TC74HCU04 x2						
External capacitance C1, C2	2,00~20,00MHz	30pF						
	20,01~25,99MHz	15pF						
	26,00~60,00MHz	5pF						

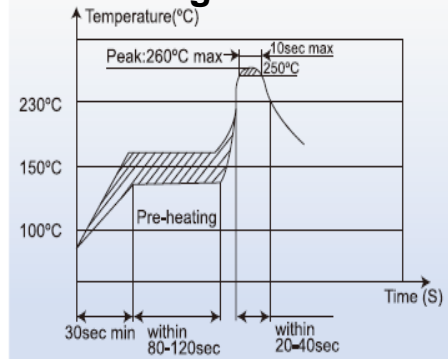
### Dimension (mm)



Part Number	L	W	H	P2	T
ZTACC MG	7.4±0.2	3.4±0.2	1.8±0.2	1.2±0.2	5±0.2
ZTACR MG	4.5±0.2	2.0±0.2	1.2max.	0.8±0.2	3.0±0.2
ZTACS MT/MX	4.7±0.2	4.1±0.2	(1.2+A*)±0.2	0.8±0.2	3.9±0.2
ZTACV MT/MX	3.7±0.2	3.1±0.2	(1.0+A*)±0.2	0.7±0.2	3.0±0.2
ZTACW MX	2.5±0.2	2.0±0.2	1.2max.	0.4±0.2	2.0±0.2

\*A stands for thickness, which varies with the frequency. The range of the thickness is 0,1 to 0,7mm.

### Soldering Reflow Profile



### Test Circuit for MOS IC

