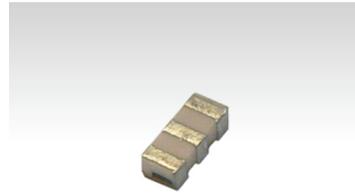


Resonator SMD Ceramic, 3 Pin



ZTTCE/MG

Features:

- Built-in capacitors
- Low cost
- Consumer electronics
- Microprocessor systems

Specifications		
Part	ZTTCE	
Frequency range (MHz)	8.00 ~ 12.00	
Frequency accuracy (25°C)	±0.5 %	
Temp. stability (-20°C ~ +80°C)	±0.3 %	
Aging (over 10 years)	±0.2 %	
Build-in load capacitance (pf)	C1	15 ±20 %
	C2	15 ±20 %
Resonant impedance (Ω) max.	40	

Drawing	Recommended land pattern
ZTTCE/MG	
<p>① Input ② Ground ③ Output</p>	<p>Land Pattern</p>
Dimensions in mm	

Test circuit
<p>IC: IC: 1/6TC4069UBP×2 X: CERAMIC RESONATOR C1C2: 15pF±20%</p>

Order key											
R	-	8.000000M	-	ZTTCE /MG-	0.5	-	0.3	-	H	-	15/15
Part		Frequency		Type/Package	Frequency tolerance		Temperature tolerance		Temperature range		Internal load capacitance
R=Resonator		M=MHz		ZTTCE	±% (25°C)		±% (Temp. range)		H=-20°C ~ +80°C		pF C1/C2