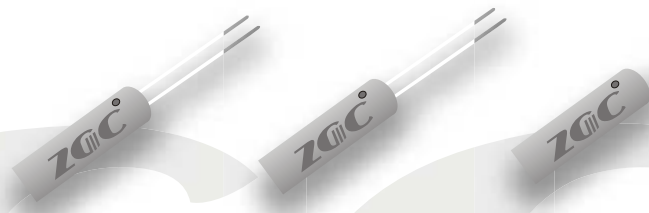
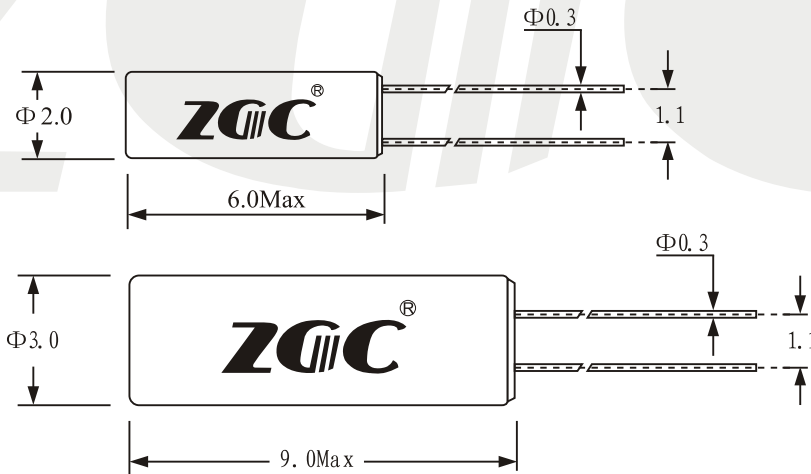


# Series

**AT-2\*6**  
**AT-3\*9**



## External dimensions



Unit: mm

Item	Specification		Remarks
Series	2 * 6	3 * 9	
Nominal Frequency Range	6.000MHz to 28.000MHz	3.500MHz to 28.000MHz	Fundamental Mode;AT Cut
	28.001MHz to 60.000MHz		Overtone Mode;AT Cut
Frequency Tolerance	$\pm 30$ PPM(Standard) at 25°C $\pm 3$ °C		Others are offered
Load Capacitance	10pF to $\infty$		Please specify
Series Resistance	As ESR Table		
Shunt Capacitance	5pF Max		
Drive Level	10 $\mu$ W to 100 $\mu$ W		1000 $\mu$ W Max
Operating Temperature Range	-20°C to +70°C(Standard)		Others are offered
Storage Temperature Range	-30°C to +85°C		
Stability Over Temperature Range	$\pm 30$ PPM(Standard)		Others are offered
Insulated Resistance			Minimum at 100Vdc
Aging	$\pm 3$ PPM/Year		Maximum

Resistance of Series Resonance (ESR)					
Frequency(MHz)	Mode	Ohm Max	Frequency(MHz)	Mode	Ohm Max
10~12	Fund.	60	28~36	Fund.	100
12~16	Fund.	50	36~60	Fund.	80
16~28	Fund.	40			

Remark:

All specifications subject to change without notice.

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