

Series WX8

Surface Mount Package for tuning fork 32.768KHz



- Frequency range:30-200KHz
- Suited for automatic mounting and reflow soldering
- For a clock source in digital equipments



ELECTRICAL SPECIFICATIONS

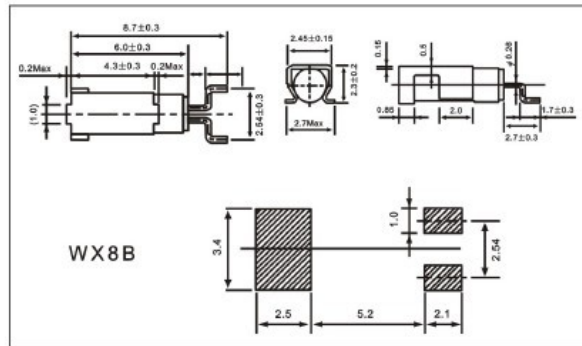
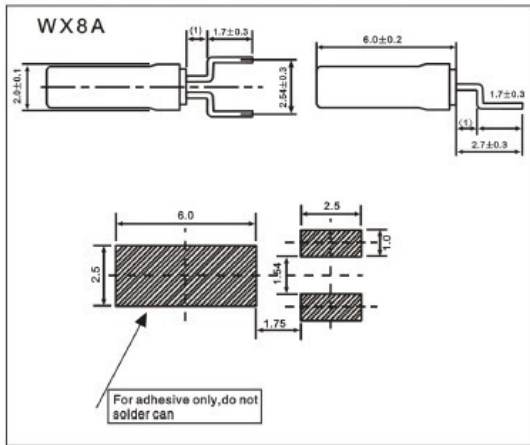
Item	Specifications	Remark
Frequency Range	30KHz-200KHz	Need to specify
Load Capacitance	12.5pF	Need to specify
Drive Level	1.0 μ W Max	
Frequency Tolerance	± 5 ppm- ± 100 ppm	at 25°C Need to specify
Series Resistance	50Kohm Max	at 25°C Depend on frequency
Turnover Temperature	25 \pm 5°C	
Temperature Coefficient	[-0.035 \pm 0.01]ppm/ $^{\circ}$ C ²	
Operating Temperature Range	-20+70°C	
Storage Temperature Range	-40+85°C	
Motional Capacitance	0.0028pF Typical	Depend on frequency
Shunt Capacitance	1.45pF Typical	Depend on frequency
Capacitance Ratio C0/C1	500 Typical	Depend on frequency
Aging[First year]	± 5 ppm Max	25°C ± 3 °C
Quality Factor	50000 Typical	Depend on frequency
Insulation	500MOhm Min	DC100V \pm 15V(Pin to Pin,Pin to case)
	Please consult our sales representative for other specifications	

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DIMENSION(mm)&SOLDER PATTERN(mm)



FREQUENCY VS TEMPERATURE CURVE

