

**P/N: WTL2W24306KH**  
**SMD 12.4×4.8mm quartz crystal**



## APPROVAL SHEET

DESCRIPTION :	12.4*4.8mm Quartz Crystal
NOMINAL FREQ.:	8.000MHz
WTL P/N:	WTL2W24306KH
REVISION:	0
DATE:	2017/11/20

Customer	Customer P/N
MICROS	

Signature	WTL
	Approved by:
	Checked by: <i>Xo Xo Lee</i>
	<i>Susan He</i>
	Issued by: <i>Shengbiao</i>

### REVISION HISTORY

Revised Page	Revision Content	Date	Ref. No.	Reviser

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## **FEATURES**

Frequency Range:3.5-70MHz  
Suited for portable devices with low current consumption  
For a clock source in digital equipments



## **STANDARD SPECIFICATIONS**

Item	Parameters	Conditions
Frequency Range	8.000MHz(Fund.)	Need to specify
Frequency Tolerance	±30ppm	at 25°C
Freq. Tol. Over Temp.	±30ppm	-20~+70°C See fig. As below
Operating Temp. Range	-20~+70°C	
Storage Temp. Range	-40~+85°C	
Series Resistance	Refer to the table as below	at 25°C
Load Capacitance	18pF	Need to specify
Shunt Capacitance	5.0pF Max.	
Drive Level	100µw Max.	
Aging[first year]	±5ppm Max.	25±3°C
Insulation Resistance	500Mohm Min.	DC100V±15V

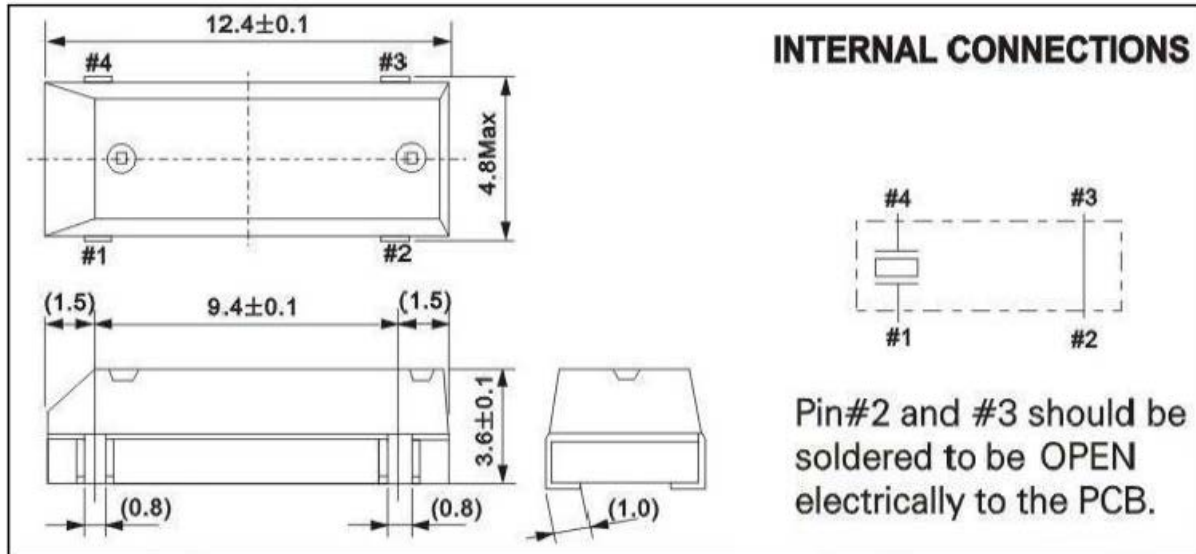
## **SERIES RESISTANCE**

Freq. Range	3.5-4MHz	4.01-6MHz	6.01-10MHz	10.01-27MHz	27.01-36MHz	36.01-70MHz	
Mode	Fund.	Fund.	Fund.	Fund.	Fund.	3rd Overtone	3rd
Series Resistance	150ohmMax.	120ohmMax.	80ohmMax.	50ohmMax.	30ohmMax.	100ohmMax.	80ohmMax.

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## OUTLINE DIMENSIONS



## SOLDER PATTERN

