

## 2,5 x 2,0 mm SMD Clock Oscillator

### Surface Mount Crystal Clock Oscillator

#### Features

- Compact design (**2.5 x 2.0 mm x 0.8 mm max. Weight 10 mg**)
- Ceramic package and metal lid assures extreme accuracy and high reliability by electron beam sealing.
- Lead-free soldering is available.

#### Applications

Laptop PC, DSC, DVC, W-Lan, Set Top Box

#### Specifications

Size	2.5 x 2.0 x 0.8 mm			
Frequency range (MHz)	12 to 80,0			
Frequency tolerance (ppm)(@25°C)	+/-10, +/-20, +/-30, +/- 50, +/-100			
Storage temperature	-40°C to +85°C			
Operating temperature range °C	0° C to 50°C	-10°C to +60°C	-20°C to +70°C	-40°C to 85°C
Frequency versus temp. charact. @ 25°C	+/-10	+/-15	+/-20	+/-30
	+/-30	+/-30	+/-30	+/-50
	+/-50	+/-50	+/-50	+/-100
	+/-100	+/-100	+/-100	
Supply voltage (V)	3.3 +/- 0.33, 2.5 +/- 0.25, 1.8 +/- 0.18			
Current consumption (mA)	5 (Typ.)/20 MHz@3V 8 (Typ.)/50 MHz@3V Depends on frequency and supply voltage			
Output level(V)	CMOS @ 1.8 to 3.3 TTL@ 3.3			
"H"	Output			
"L"	Oscillation stop and High impedance output			
Symmetry (%)	50+/- 10, 50+/- 5			

- Please consult us for customized specifications.

