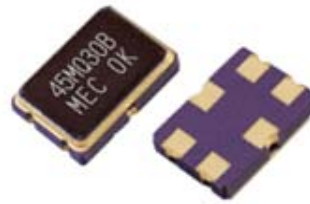


**SMD 2 poles**  
**7.0 x 5.0 x 1.3 mm**



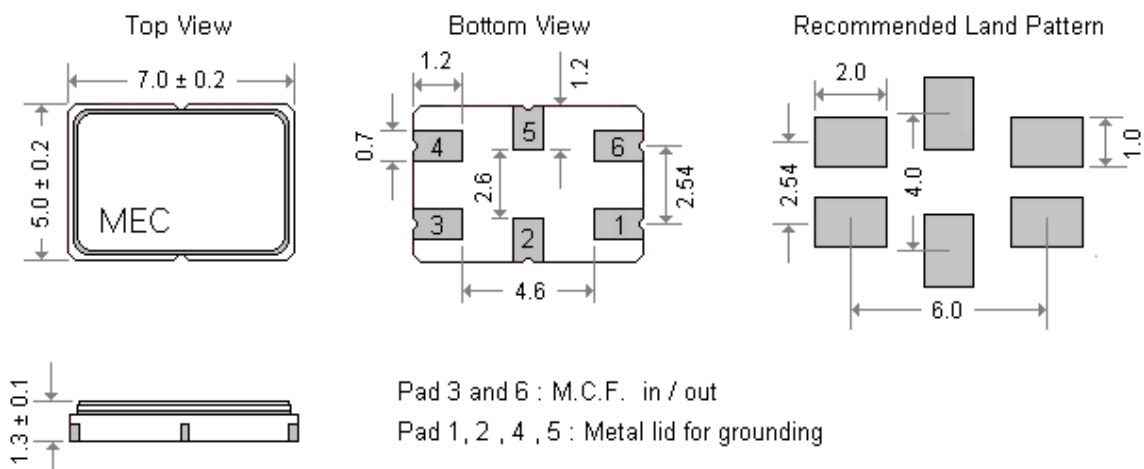
### Features

- Thin and light weight; excellent shock and vibration resistance
- Suitable for automatic pick and place; Solder reflow capable
- Specifically designed for mobile, wireless communications, pagers, cellular and cordless phones.

### General Specifications

Parameters	Electrical Spec.
Center Frequency	45.000 MHz
Crystal Cut ( No. of poles )	AT-Cut , 2 poles
Mode of Oscillation	Fundamental Mode
Pass Band Width	$\pm 15$ KHz ( min.) [ at -3 dB ]
Stop Band Width	$\pm 60$ KHz ( max.) [ at -15 dB ]
Ripple	1.0 dB ( max.)
Insertion Loss	2.0 dB ( max.)
Guaranteed Attenuation	70 dB ( min.) [ -910 $\pm$ 10 kHz ]
Terminating Impdance	1200 $\Omega$ // 1.8 pF
Operating Temperature	- 20°C to 70°C
Storage Temperature	- 50°C to 100°C

### Outline Dimensions ( Unit : mm )



**Mercury** [www.mercury-crystal.com](http://www.mercury-crystal.com)