



**GS32**

**PT. GREAT MICROTAMA ELECTRONICS INDONESIA**

**4Pad version : 3.2 x 2.5 mm**

**Features :**

- Surface Mount Crystal
- 0.7mm Thickness, Seam Sealed
- Excellent Solderability



Pb free : Pins / pads



**General Specifications**

Frequency Range	13.0 ~ 50.0 MHz (Fund. AT-Cut)				
Frequency Tolerance @ 25 degC	±10 ppm / ±30 ppm				
Frequency Stability	±10 ppm ~ ±50 ppm				
Operating Temperature Range	Temp Range	±10ppm	±20ppm	±30ppm	±50ppm
	-20 °C to +70 °C	■	o	■	o
	-40 °C to +85 °C		o	o	■
* Remarks : ■ Standart o Available					
Equivalent Series Resistance	Please refer to table 1 below				
Load Capacitance	12 pF (standard)				
Drive Level	100µW				

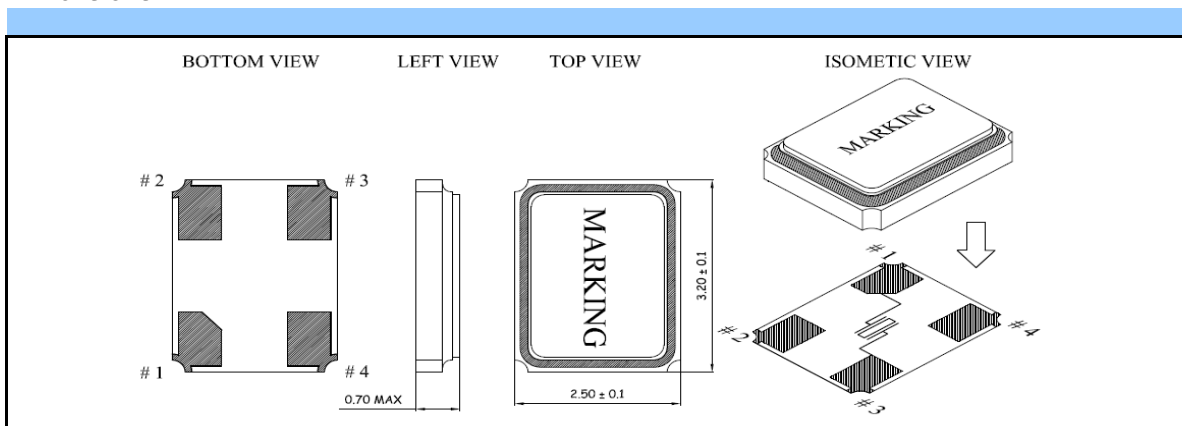
\* Remarks : Please contact us for any further enquiry

**Frequency Range, Equivalent Series Resistance and Mode of Oscillation (Table 1)**

Frequency Range (MHz)	Equivalent Series Resistance Maximum (Ohm)
<b>Fundamental</b>	
13.0 ~ 15.99	100
16.00 ~ 18.99	80
19.00 ~ 21.99	70
22.00 ~ 29.99	70
30.00 ~ 50.00	50

Specifications are subjected to change without notice.

**Dimensions**



PT Great Microtama Electronics Ind. Berbek Industri III/21 Surabaya. Indonesia  
 Fax: 62-31-8431305 Tel: 62-31-8431330 E-mail: greatind@greatmicro.com