



HC49U

PT. GREAT MICROTAMA ELECTRONICS INDONESIA

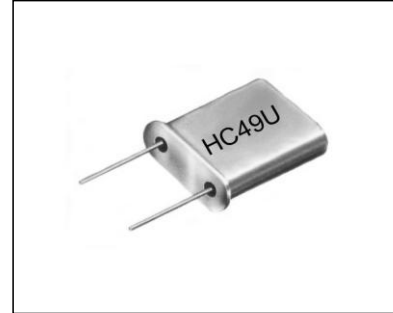
Pin Type Crystal : 11.1 x 4.7 mm

Features :

- Available for developed frequencies only
- Reflow soldering temperature : 260°C max
- Package high 13.5 mm max



Pb free : Pins / pads



General Specifications

Frequency Range	1.84 ~ 40.0 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	■	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				

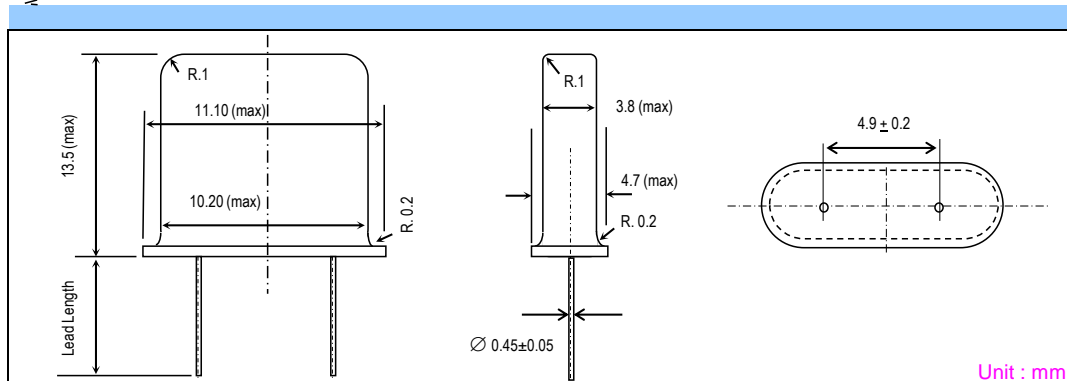
* Remarks : Please contact us for any further enquiry

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

Frequency Range (MHz)	Equivalent Series Resistance Maximum (Ohm)
Fundamental	
1.8432	800
2.00 ~ 2.999	400
3.00 ~ 3.499	150
3.57 ~ 6.999	60
7.00 ~ 12.999	30
13.00 ~ 40.000	20
Fundamental BT Cut	
30.00 ~ 50.000	50
Third Overtone	
20.00 ~ 29.999	80
30.00 ~ 105.00	60

Specifications are subjected to change without notice.

Dimensions



Unit : mm



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