



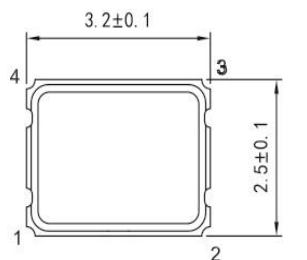
Features

- > Ultra Small SMD seam sealed clock crystal oscillator units.
- > For applications in WLAN, Bluetooth, DSC, DSL and other IT product.
- > RoHS Compliant / Pb Free.

Electrical Specifications

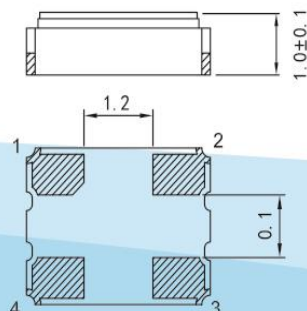
Output Type	CMOS		
Output Load	15 pF, or specify		
Oscillation Mode	Fundamental / 3rd Overtone		
Supply Voltage	1.8V	2.5V	2.8V 3.3V
Frequency Range	12~75 Mhz		
Frequency Stability	± 25 ppm, ± 50 ppm		
Operating Temperature Range	- 10 ~ + 70 °C, - 40 ~ + 85°C		
Storage Temperature Range	- 55 ~ + 125 °C		
Voltage Vol (Max.) / Voh (Min.)	0.1 VDD / 0.9 VDD		
Rise (Tr) / Fall (Tf) Time	8 ns Max.		
Supply Current	10mA Max.	20mA Max.	
Symmetry	45 ~ 55 %		
Start-up Time	5 ms Max.		
Phase Jitter (12 KHz ~ 20 MHz)	2 ps Max.		
Aging (at 25 °C)	± 3 ppm / year Max.		

Dimensions



PAD FUNCTION:
1:ENABLE CONTROL
2:GND
3:OUT
4:VDD

Units:mm



Suggested Layout

