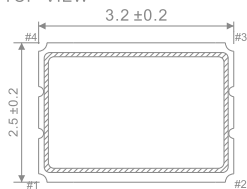


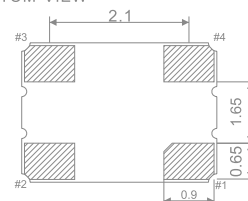
Dimensions(mm)



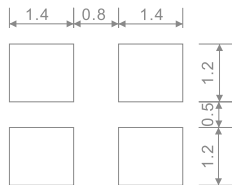
TOP VIEW



BOTTOM VIEW



SIDE VIEW



Pad	Function
#1	Tri-state/NC
#2	GND
#3	Output
#4	VDD

**GENERIC SPECIFICATION**

ITEM		3.3V	2.5V	1.8V	REMARK
Frequency Range		32.768KHz to 160.0MHz			
Frequency Stability *		±20, ±30, ±50 ppm			All Condition
Temperature Range	Storage Temp.	-55°C to +125°C			-40°C to +85°C option
	Operating Temp.	-20°C to +70°C			
Power Supply Voltage		3.3V±10%	2.5V ±10%	1.8V ±10%	
Supply Current	1.0MHz≤Freq. < 24MHz	10mAmax.	8mA max	8mAmax.	
	24MHz≤Freq. < 50MHz	15mAmax.	12mA max	10mAmax.	
	50MHz≤Freq.<120MHz	20mAmax.	15mA max	12mAmax.	
	120MHz≤Freq.<160M Hz	25mAmax.	20mA max	—	
160MHz≤Freq.≤200M Hz		30mAmax.	—		
Output Symmetry ( at 1/2Vdd)		40~60%			45~55% option
Rise Time ( 10%-90%Vdd )		5nS max.			
Fall Time (90%-10%Vdd )		5nS max.			
Output Voltage	VoH	90% Vdd min			
	VoL	10% Vdd max			
Output Load ( HCOMS Load )		15pF (Typical)			
Start-up Time		5mS max			
Pin 1, Tri-state function		Pin1=H or open .... Output active at Pin3 Pin1=L.... high impedance at Pin3, No Output			
Aging		First year ±3ppm			