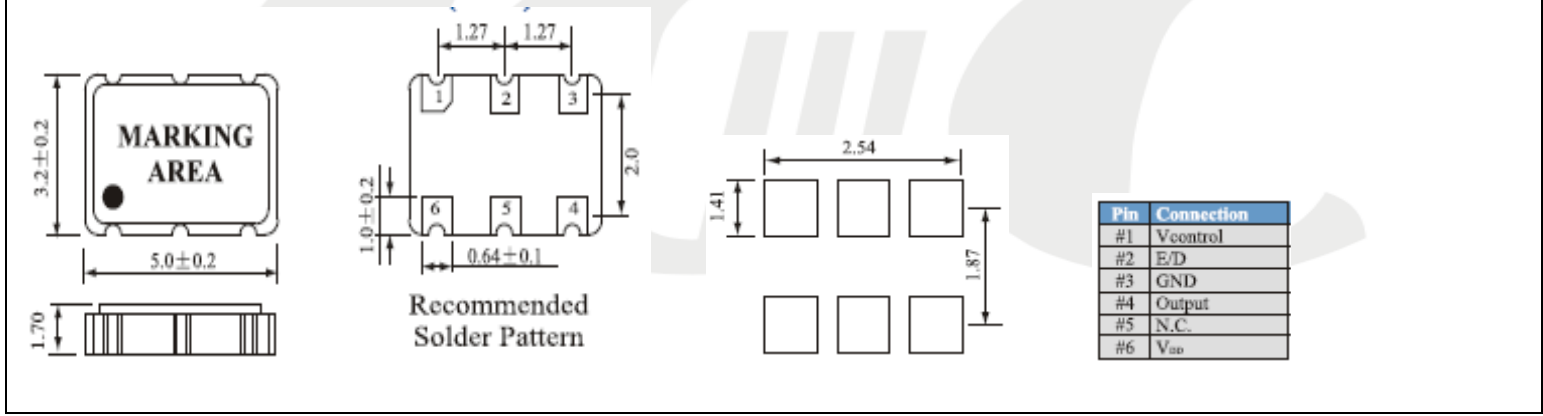




External Dimensions Unit:mm



Parameter	Condition	VC-T1	VC-T3
Frequency Range F ₀		1.750MHZ~45.000MHZ	1.750MHZ~45.000MHZ
Frequency Calibration	At 25°C	± 15ppm	
Temperature Stability	Over T _{OPR}	± 15ppm ± 25ppm ± 50ppm	
Stability vs. power change	V _{DD} +/-5%	± 5ppm	
Stability vs. load change	15PF+/-10%	± 3ppm	
Pullability	Over Control Voltage Range	± 50ppm ± 100ppm ± 200ppm	± 50ppm ± 100ppm ± 200ppm
Control Voltage Range		0.5~4.5V	0~3.3V
Operating Temperature Range T _{OPR}		0°C~70°C (-40°C to +85°C Option)	
Storage Temperature Range T _{STG}		-55°C +125°C	
Power Supply Voltage V _{DD}		5.0V+/-5%	3.3V+/-5%
Aging (First Year)	25°C ± 3°C	± 5ppm	
Supply Current I _{DD}	At 1/2 V _{DD}	30 mA Max	
Output Symmetry Sym	20% V _{DD} ~80% V _{DD}	40/60%(45/55%Option)	
Rise Time Tr	80% V _{DD} ~20% V _{DD}	10 ns Max	8 ns Max
Fall Time Tf		10 ns Max	8 ns Max
Output Voltage V _{OH}		90% V _{DD} Min	
V _{OL}		10% V _{DD} Max	
Output Load		15 pF Max	
Start-up Time	TS	10mS Max	

Remark:

- All specifications subject to change without not notice.
- Frequency stability included 25°C tolerance, tolerance over the operating temperature range, input voltage change, load change and years aging.