

# SMD Temperature Compensated Crystal Oscillators

## TC600



### FEATURES

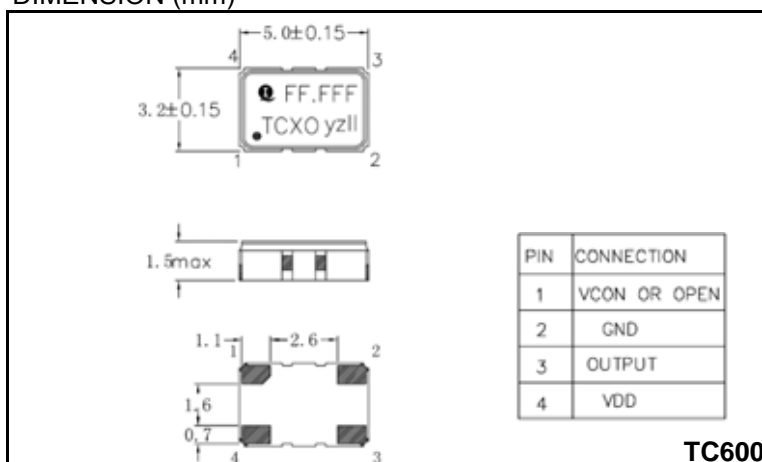
- Surface mount package
- Pick and place assembly
- Optional voltage control function



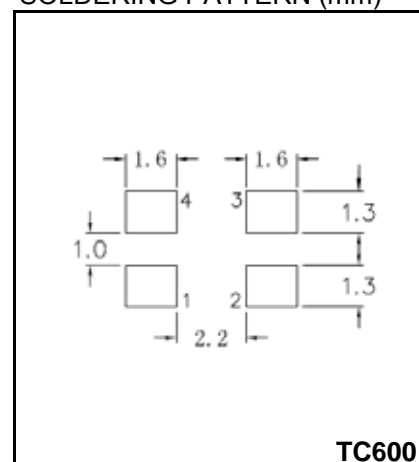
Item	Specifications	
Nominal Frequency Range	10.0MHz ~ 26.0MHz	
Frequency Stability Over Operating Temperature	0°C to 50°C	±0.5ppm
	-10°C to 60°C	±1.0ppm
	-20°C to 70°C	±2.0ppm
	-30°C to 75°C	±2.5ppm
	-40°C to 85°C	±3.5ppm
Frequency Stability Over Operating Temperature	vs. Aging	±1.0ppm / year
	vs. Supply Voltage	±0.3ppm ( $V_{CC} \pm 5\%$ )
	vs. Output Load	±0.2ppm (Standard Load $\pm 10\%$ )
Storage Temperature Range	-55°C to 125°C	
Supply Voltage ( $V_{DD}$ )	2.8V ~ 3.3V	
Supply Current	3mA Max. (Clipped Sine)	
Jitter	3pS RMS	
Phase Noise	100Hz	-115dBc/Hz
	1KHz	-135dBc/Hz
	10KHz	-148dBc/Hz
Output and Load Characteristics	Output Waveform	Clipped Sine
	Output Levels	0.8V pk to pk
	Load	10K $\Omega$ // 10pF
Frequency Control Range (For VCTCXO)	±5ppm Min.	
Control Voltage Range (For VCTCXO)	0.5V to 2.5V	

Please consult our sales representatives for other specifications.

### DIMENSION (mm)



### SOLDERING PATTERN (mm)



All specifications are subject to change without notice.



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