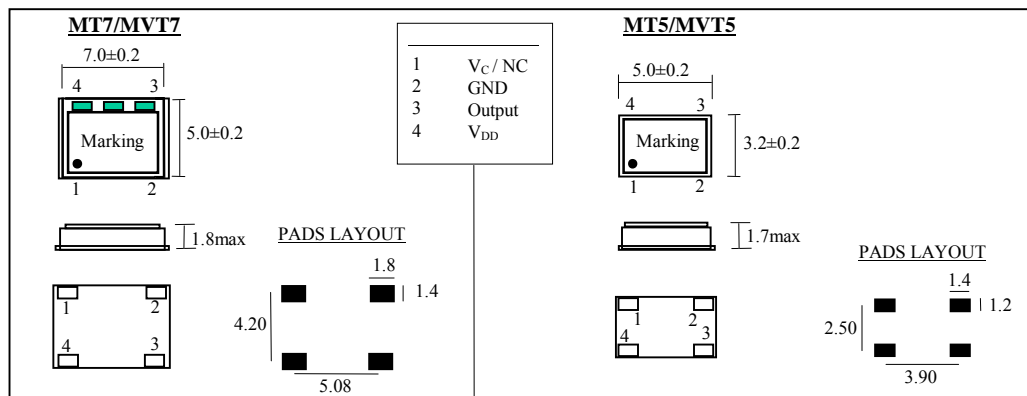


**MT7, MT5, MVT7 & MVT5 Series
SMD TCXO & VCTCXO**

- FEATURES**
- . Surface Mount Miniature Packages
 - . Wide Frequency & Temperature. Range
 - . 3.3V, 3V Operation

Parameters	Clipped Sinewave
Frequency Range	9.6MHz ~ 20MHz
Frequency Stability 25°C Ref. (Max)	±1ppm ~ 5ppm per operating temperature range; ±0.3ppm/Supply; ±0.3ppm/ Load; ±1ppm aging/ yr
Operating Temp.	0°C ~ +50°C to -40°C ~ +85°C
Storage Temp.	-40°C ~ +85°C
Supply Voltage V _{DD}	V _{DD} : 3.3V, 3V ± 5%
Supply Current (Max)	1.5mA ~ 2mA
Output Load (Max)	10KΩ // 10pF
Output Voltage	0.8Vpp Min
Rise/Fall Time (Max)	5ns
Control Voltage V _C	1.5±1.0V
Frequency Control	±5ppm ~ ±10ppm min; positive slope
Phase Noise (Max)	-140, -130, -110, -85dBc/Hz @ 10KHz/1KHz/100Hz/10Hz

OUTLINE
(mm) not to scale



PART NUMBERING

Model	Supply	Frequency	Stability	Temperature Range	Output	Other Options
MT7	3.3: 3.3V	MHz	±PPM	Blank: -10C ~ +60C	S: Sinewave	Custom Inquiries
MVT7	3: 3V	Value	Value	M: -20C ~ +70C		
MT5				N: -30C ~ +75C		
MVT5				J: -40C ~ +60C		
				K: -40C ~ +75C		
				I: -40C ~ +85C		
Example: MT7-3-13.000-2.5MS			Please Consult Microcom Devices Ltd. for Custom Specifications			