

TCXO/VCTCXO ULTRA MINIATURE SMD (2.5 x 2.0 x 0.9mm)

FEATURES:

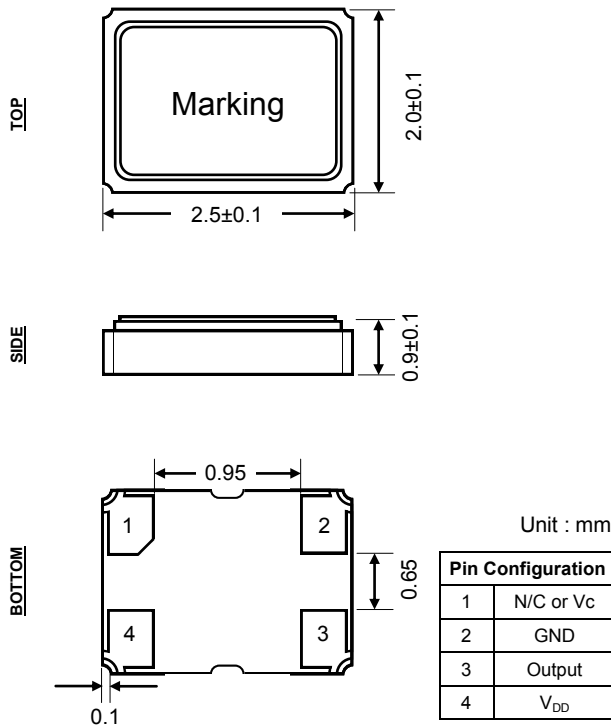
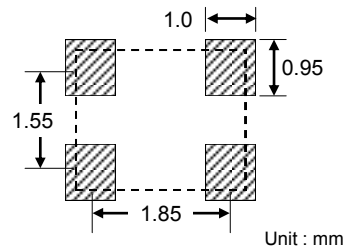
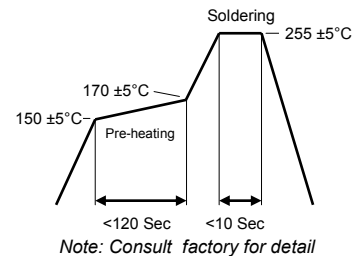
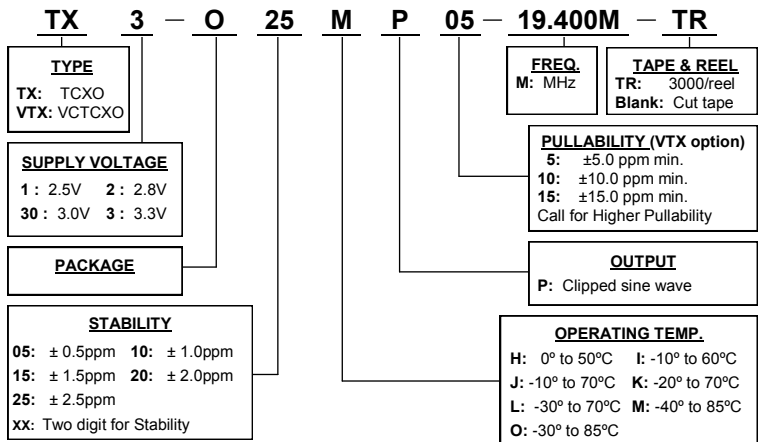
- ANALOG COMPENSATION
- LOW VOLTAGE / LOW CURRENT
- LOW COST FOR A TIGHT STABILITY TCXO

APPLICATIONS:

- GPS, GPS Module
- Cellular Phone (CDMA & WCDMA)
- WiMAX, WLAN


■ SPECIFICATION

PARAMETER		MIN.	TYP.	MAX.	UNIT	NOTE
FREQUENCY RANGE		16		26	MHz	
FREQUENCY STABILITY	vs. TEMPERATURE RANGE	±0.5			ppm	See P/N guide for other options
	vs. LOAD ± 10%			±0.2	ppm	
	vs. SUPPLY VOLTAGE ± 5%			±0.2	ppm	
	vs. AGING			±1.0	ppm/yr	
OPERATING TEMPERATURE RANGE		-30		85	°C	See P/N guide for other options
STORAGE TEMPERATURE RANGE		-40		85	°C	
SUPPLY VOLTAGE ±5%		2.5		3.3	V	See P/N guide for other options
SUPPLY CURRENT				2.0	mA	
OUTPUT	LOGIC FAMILY	Clipped Sine wave				
	LOAD	10kΩ//10pF				
	LEVEL	0.8			V _{P-P}	
FREQUENCY DEVIATION		±3.0		±15.0	ppm	See P/N guide for other options
CONTROL VOLTAGE		0.4		2.4	V	1.5V ±1.0V available
PHASE NOISE		1kHz		-130	dBc/Hz	

■ PACKAGE DIMENSIONS

■ SOLDER PATTERN

■ REFLOW PROFILE

■ PART NUMBERING GUIDE


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