

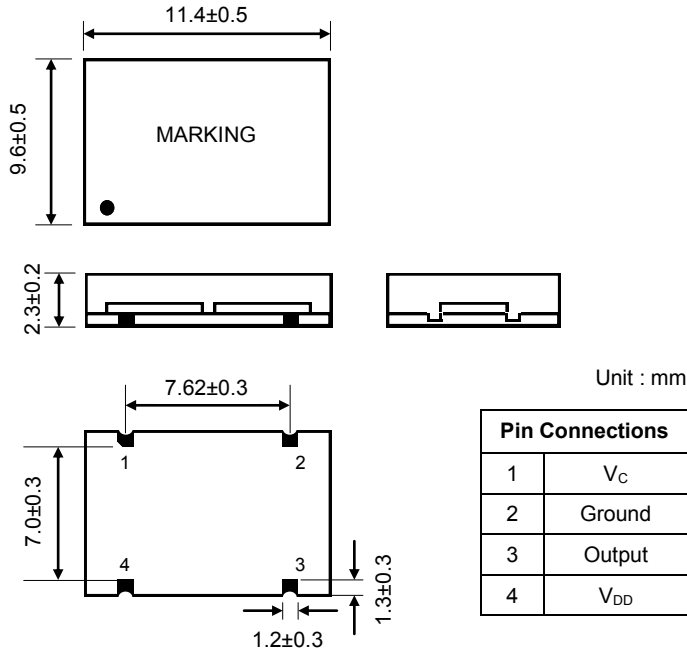
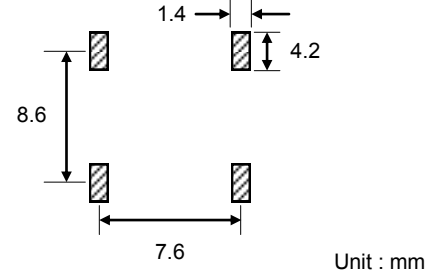
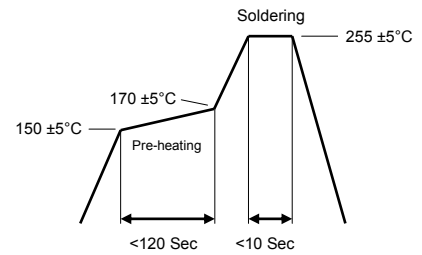
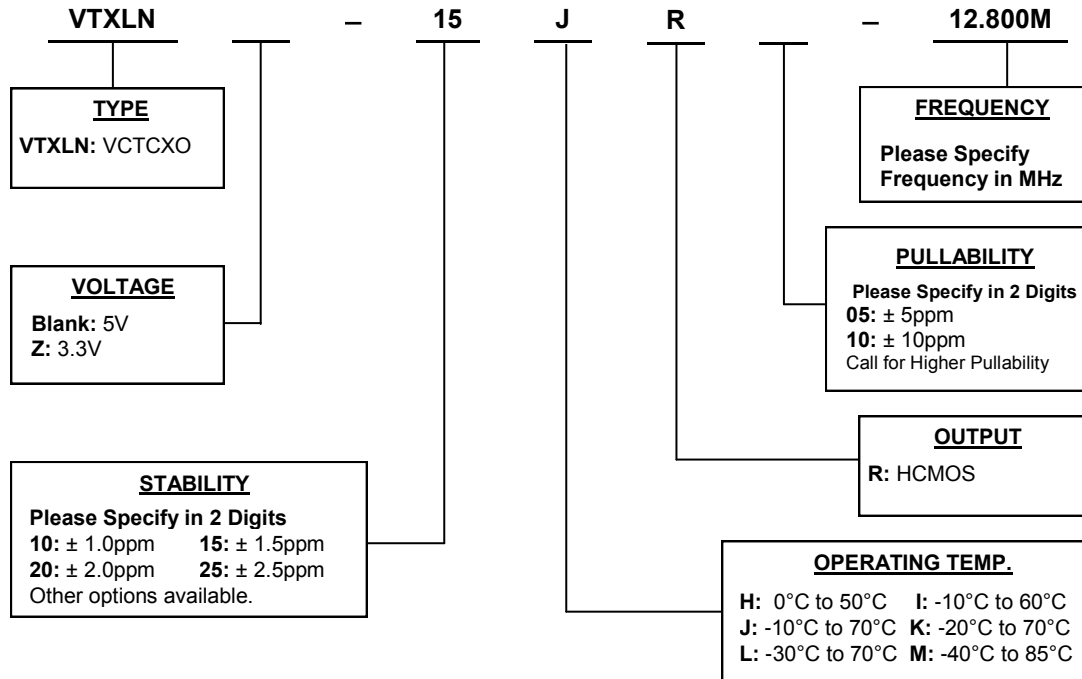
VCTCXO 4PAD SMD (11.4 mm x 9.6 mm)
FEATURES:

- ULTRA LOW NOISE
- TIGHT STABILITY AVAILABLE
- STANDARD PACKAGE


■ SPECIFICATION

PARAMETER		MIN.	TYP.	MAX.	UNIT	NOTE	
FREQUENCY RANGE		10		20	MHz		
FREQUENCY TOLERANCE			±1.0		ppm	@ 25°C	
FREQUENCY STABILITY	vs. TEMPERATURE		±1.0		ppm	See P/N guide for other options	
	vs. LOAD ± 10%			±0.1	ppm		
	vs. SUPPLY VOLTAGE ± 5%			±0.1	ppm		
	vs. AGING			±1.0	ppm/year	@ 25°C	
OPERATING TEMPERATURE RANGE		-40		85	°C	See P/N guide for other options	
STORAGE TEMPERATURE RANGE		-55		125	°C		
SUPPLY VOLTAGE ±5%		3.3		5.0	V	See P/N guide for other options	
SUPPLY CURRENT				15	mA		
OUTPUT	LOGIC FAMILY	CMOS					
	LOAD	15pF					
	LEVEL	V _{OH}	0.9 x V _{DD}			V	
		V _{OL}			0.1 x V _{DD}	V	
	SYMMETRY (DUTY CYCLE)		40		60	%	
	RISE AND FALL TIME (Tr/Tf)				5	nS	
FREQUENCY DEVIATION		±5			ppm		
CONTROL VOLTAGE		0		V _{DD}	V		
LINEARITY				10	%		
PHASE NOISE	1KHz		-150		dBc/Hz	@ 10.0MHz offset	
	1KHz		-145		dBc/Hz	@ 20.0MHz offset	

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■ PACKAGE DIMENSIONS

■ SOLDER PATTERN

■ REFLOW PROFILE

■ PART NUMBERING GUIDE


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