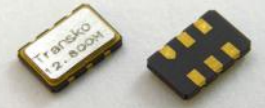


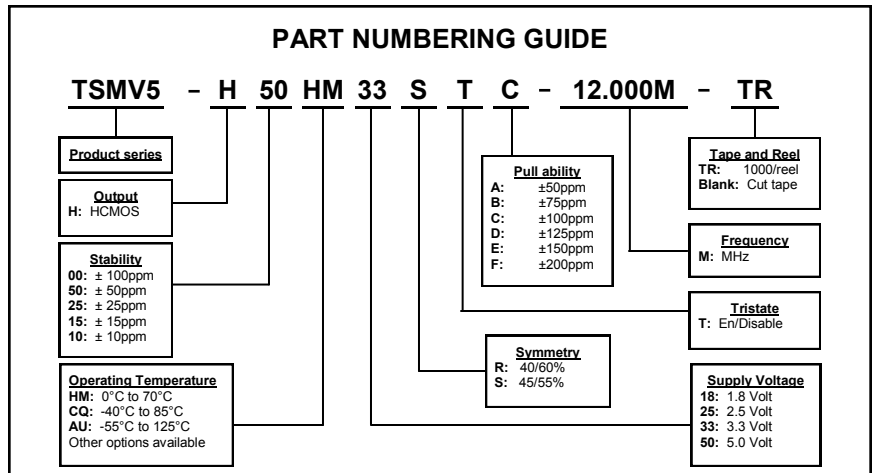
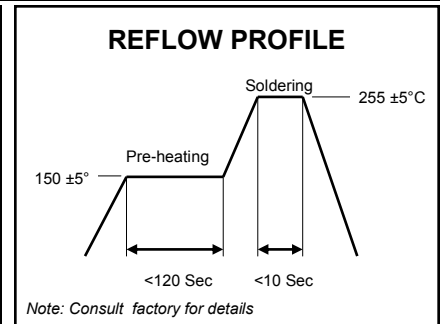
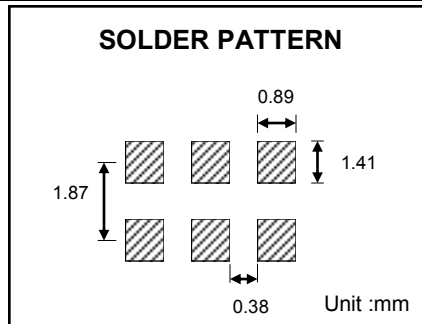
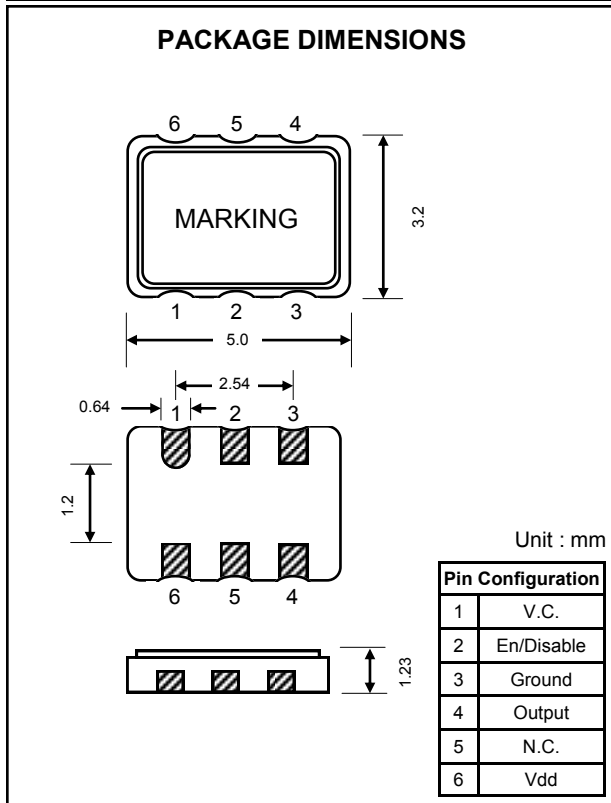
**ULTRA MINIATURE CERAMIC SMD VCXO (5.0 x 3.2 x 1.3mm)**
**FEATURES:**

- ULTRA MINIATURE VCXO WITH HCMOS OUTPUT
- WIDE FREQUENCY RANGE UPTO 77.760MHz
- ENABLE/DISABLE ON PIN# 2

RoHS  
Compliant



MODEL	TSMV5	
FREQUENCY RANGE	1.544 MHz ~ 77.760 MHz	
FREQUENCY STABILITY*	± 50ppm max.	
OPERATING TEMPERATURE	0°C to 70°C, Option: -40°C to 85°C	
STORAGE TEMPERATURE	-55°C ~ +125°C	
OUTPUT LOAD	15pF ± 5%, HCMOS	
SUPPLY VOLTAGE	3.3VDC ± 5%	5.0VDC ± 5%
CURRENT CONSUMPTION	10mA ~ 60mA max.	
“L” LEVEL	10% of Vdd max.	
“H” LEVEL	90% of Vdd min.	
RISE AND FALL	5.0nS max.	
STARTUP TIME	10.0mS max.	
SYMMETRY	40/60%, Option: 45/55%	
FREQUENCY DEVIATION	± 100ppm min.	
LINEARITY	10% max.	
CONTROL VOLTAGE	1.65V ± 1.35V	2.5V ± 2.0V
MODULATION BANDWIDTH	10KHz Min.	
PHASE JITTER	1.0pS RMS max. (12 KHz to 20 MHz offset)	



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