

VCXO STANDARD CERAMIC SMD (7.0 x 5.0 x 2.0mm)

FEATURES:

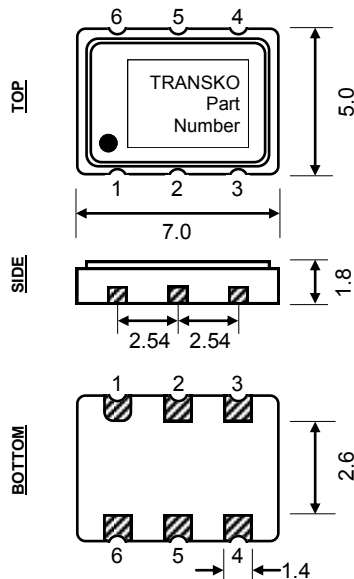
- LOW NOISE
- WIDE FREQUENCY RANGE UPTO 200.000MHz



■ SPECIFICATION

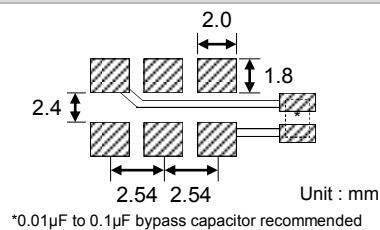
PARAMETER	MIN.	TYP.	MAX.	UNIT	NOTE
FREQUENCY RANGE	0.1		200	MHz	
FREQUENCY STABILITY	±10		±100	ppm	See P/N guide for other options
OPERATING TEMPERATURE RANGE	-40		85	°C	See P/N guide for other options
STORAGE TEMPERATURE RANGE	-55		125	°C	
SUPPLY VOLTAGE ±10%	2.5		5.0	V	See P/N guide for other options
SUPPLY CURRENT			50	mA	
OUTPUT	LOGIC FAMILY	HCMOS			
	LOAD	15pF			
	LEVEL LOGIC '1' (V _{OH})	0.9 x V _{DD}		V	
	LEVEL LOGIC '0' (V _{OL})		0.1 x V _{DD}	V	
	SYMMETRY (DUTY CYCLE)	40	50	%	See P/N guide for other options
	RISE AND FALL TIME (Tr/Tf)		10	nS	
STAND-BY VOLTAGE	START-UP TIME		10	mS	
	ENABLE (V _{IH})	2.5		V	
ENABLE DELAY TIME	DISABLE (V _{IL})		0.5	V	
			100	nS	
DISABLE DELAY TIME			100	nS	
FREQUENCY DEVIATION	±50		±200	ppm	See P/N guide for other options
CONTROL VOLTAGE	0	1/2 V _{DD}	V _{DD}	V	
SLOPE	Positive				
LINEARITY			±10	%	
MODULATION BANDWIDTH @-3dB	10			kHz	
INPUT IMPEDANCE	50			kΩ	
ABSOLUTE PULL RANGE (Optional)	±50			ppm	
AGING @ 25°C + 3°C			±3	ppm	@ for 1 st year
PHASE JITTER RMS			20	pS	@ 12kHz ~ 20MHz offset

■ PACKAGE DIMENSIONS

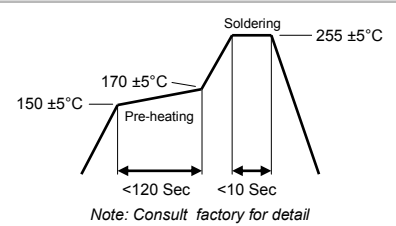


Pin Configuration	
1	V _C
2	N.C. or En/Dis
3	GND
4	Output
5	N.C. or En/Dis
6	V _{DD}

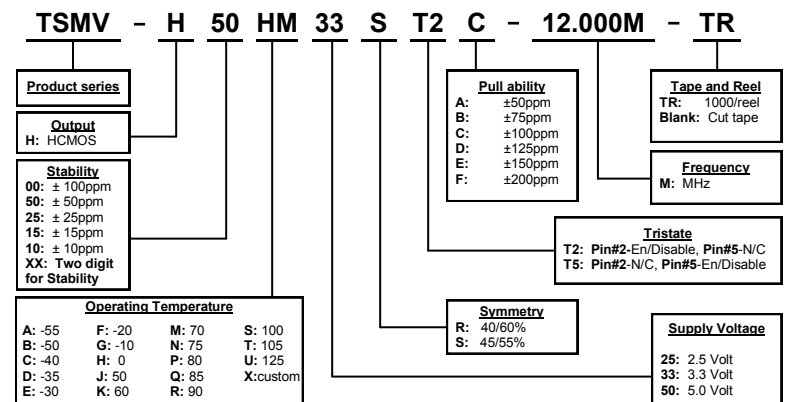
■ SOLDER PATTERN



■ REFLOW PROFILE



■ PART NUMBERING GUIDE



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