

PLASTIC MOLDED SMD HCMOS VCXO (14.0 x 9.8 x 4.7mm)

FEATURES:

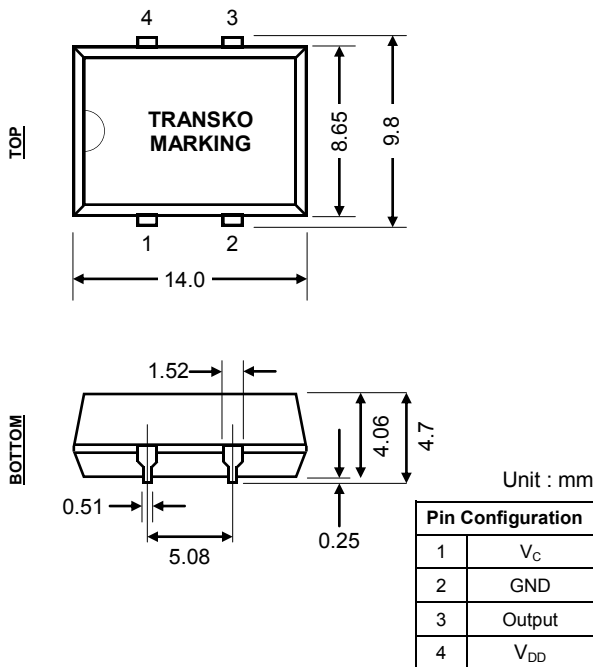
- HCMOS HIGH FREQUENCY RANGE
- LOW JITTER / LOW CURRENT
- SUITABLE FOR REFLOW



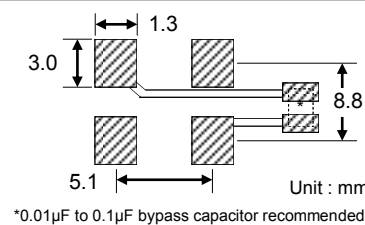
■ SPECIFICATION

PARAMETER	MIN.	TYP.	MAX.	UNIT	NOTE	
FREQUENCY RANGE	1		200	MHz		
FREQUENCY STABILITY	±10		±100	ppm		
OPERATING TEMPERATURE RANGE	0		70	°C	See P/N guide for other options	
STORAGE TEMPERATURE RANGE	-55		125	°C		
SUPPLY VOLTAGE ±10%	3.3		5.0	V	See P/N guide for other options	
SUPPLY CURRENT			55	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	60	%	See P/N guide for other options
	RISE AND FALL TIME (Tr/Tf)			10	nS	
START-UP TIME			10	mS		
FREQUENCY DEVIATION	±50		±150	ppm		
CONTROL VOLTAGE	0	2.5	4.5	V		
SLOPE		Positive				
LINEARITY			±10	%		
AGING @ 25°C + 3°C			±3.0	ppm	@ for 1 st year	
PHASE JITTER RMS			10	pS	@ 12kHz ~ 20MHz offset	

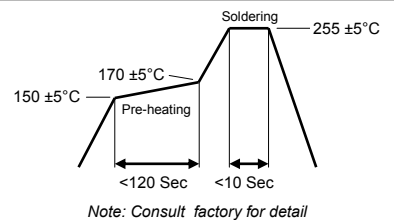
■ PACKAGE DIMENSIONS



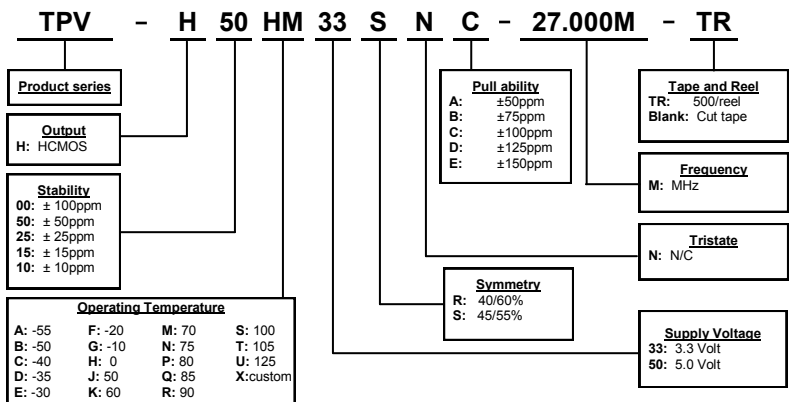
■ SOLDER PATTERN



■ REFLOW PROFILE



■ PART NUMBERING GUIDE



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