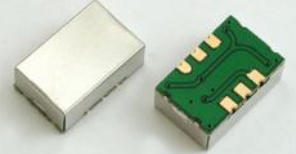


FR-4 SMD LVPECL OUTPUT OSCILLATOR (14.5 x 9.2 x 5.5mm)

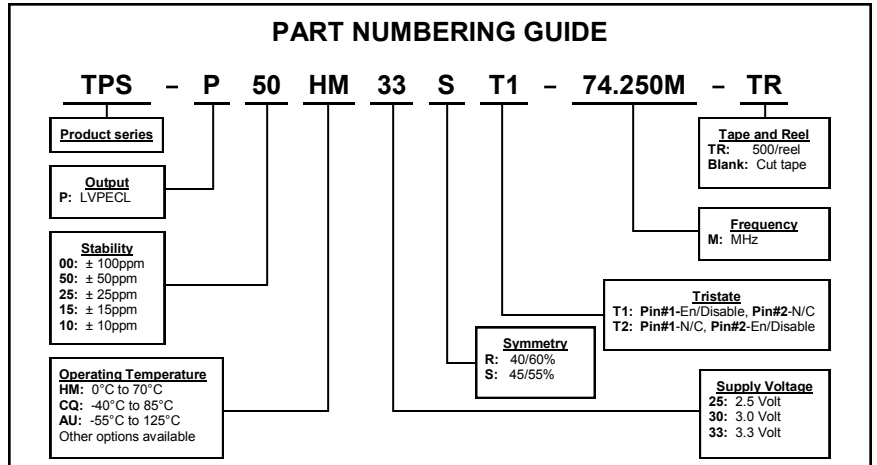
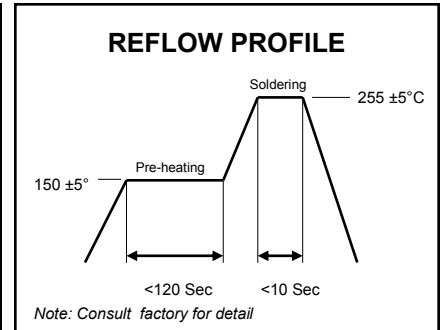
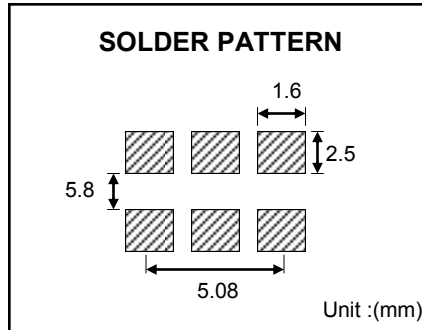
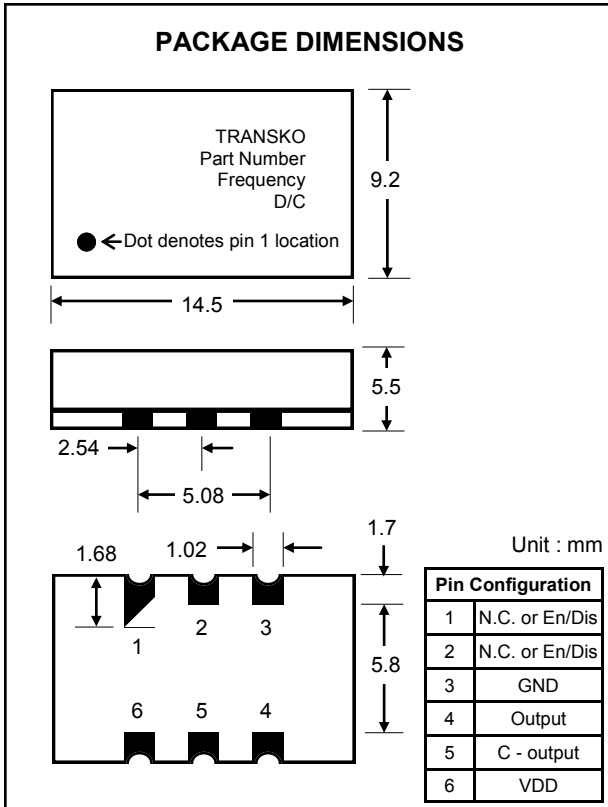
FEATURES:

- HIGH FREQUENCY
- ULTRA LOW PHASE JITTER PERFORMANCE
- ENABLE / DISABLE

RoHS
Compliant



MODEL	TPS	
SUPPLY VOLTAGE	2.5V	3.3V
FREQUENCY RANGE	12.000MHz ~ 312.500MHz	12.000MHz ~ 800.000MHz
FREQUENCY STABILITY*	±15ppm ~ ±100ppm	
OPERATING TEMPERATURE	0°C to 70°C, Option: -40°C to 85°C	
STORAGE TEMPERATURE	-55°C to 125°C	
INPUT CURRENT	75mA max.	
DUTY CYCLE	50% ±5% (50% of waveform)	
RISE TIME / FALL TIME	250pS typical, 600pS max.	
LOGIC "1" LEVEL (VoH)	VDD - 1.025VDC min.	
LOGIC "0" LEVEL (VoL)	VDD - 1.620VDC max.	
OUTPUT PEAK TO PEAK SWING	600mV min. 800mV typical	
OUTPUT LOAD	50 Ω typical	
AGING @ 25°C	± 3.0ppm max.	
PHASE JITTER (12KHz ~ 20MHz offset)	12.000MHz ~ 200.000MHz: 1.0pS max. 201.000MHz ~ 800.000MHz: 3.0pS max.	
TRISTATE OPTION	T1: Pin# 1 En/Dis Pin#2: N/C, T2: Pin#1 N/C Pin# 2: En/Dis	



Transko Electronics, Inc reserves the right to make changes to the product (s), service (s), and specification (s) described herein without notice. No liability is assumed as a result of their use or application.