

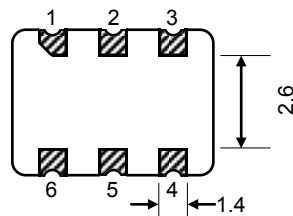
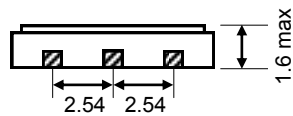
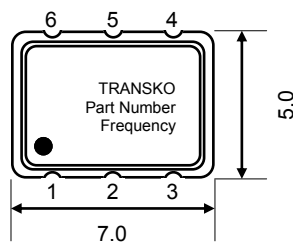
CERAMIC SMD LVPECL OUTPUT OSCILLATOR (7.0 x 5.0 x 1.6mm)
FEATURES:

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

RoHS
Compliant

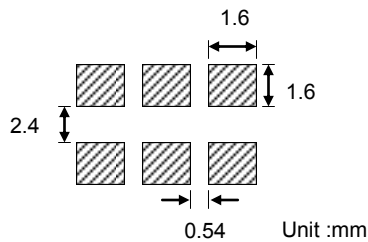
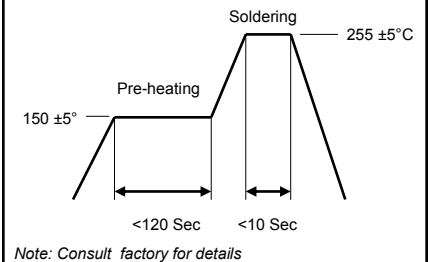
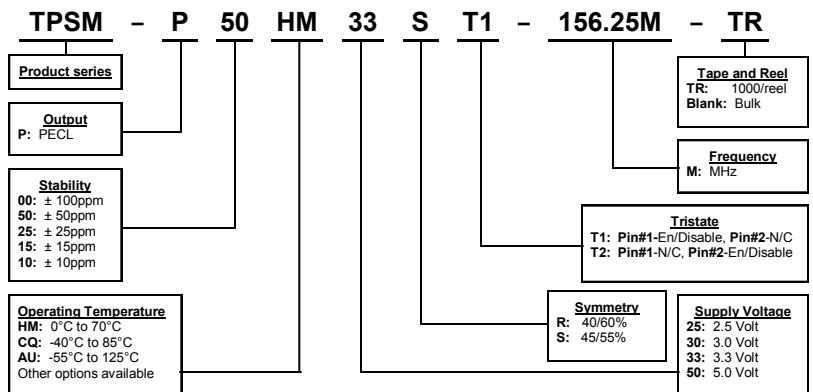


MODEL	TPSM	
SUPPLY VOLTAGE	2.5V	3.3V
FREQUENCY RANGE	12.000MHz ~ 312.500MHz	12.000MHz ~ 800.000MHz
FREQUENCY STABILITY*	±15ppm ~ ±100ppm*	
OUTPUT	LVPECL	
OPERATING TEMPERATURE	0°C to 70°C, Option: -40°C to 85°C	
STORAGE TEMPERATURE	-55°C to 125°C	
INPUT CURRENT	100mA max.	
DUTY CYCLE	50% ±5% (50% of waveform)	
RISE TIME / FALL TIME	300pS typical, 600pS max.	
OUTPUT VOLTAGE HIGH	VDD - 1.025VDC min.	
OUTPUT VOLTAGE LOW	VDD - 1.620VDC max.	
OUTPUT PEAK TO PEAK SWING	600mV min. 800mV typical	
LOAD	50 Ω typical	
START UP TIME	10mS max.	
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	

PACKAGE DIMENSIONS


Unit : mm

Pin Configuration	
1	N.C. or En/Dis
2	N.C. or En/Dis
3	GND
4	Output
5	C - output
6	VDD

SOLDER PATTERN

REFLOW PROFILE

PART NUMBERING GUIDE


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