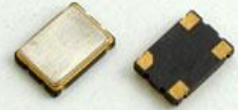


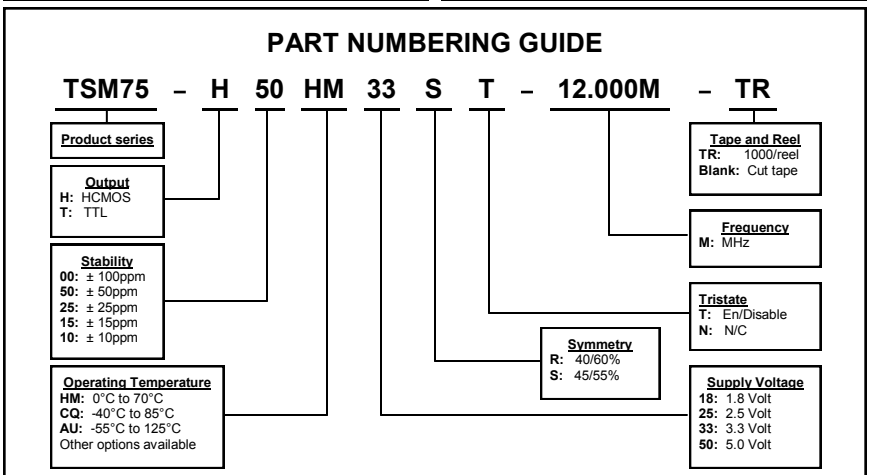
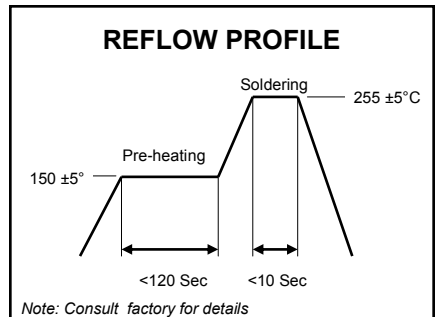
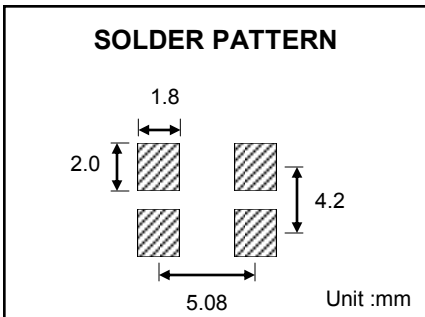
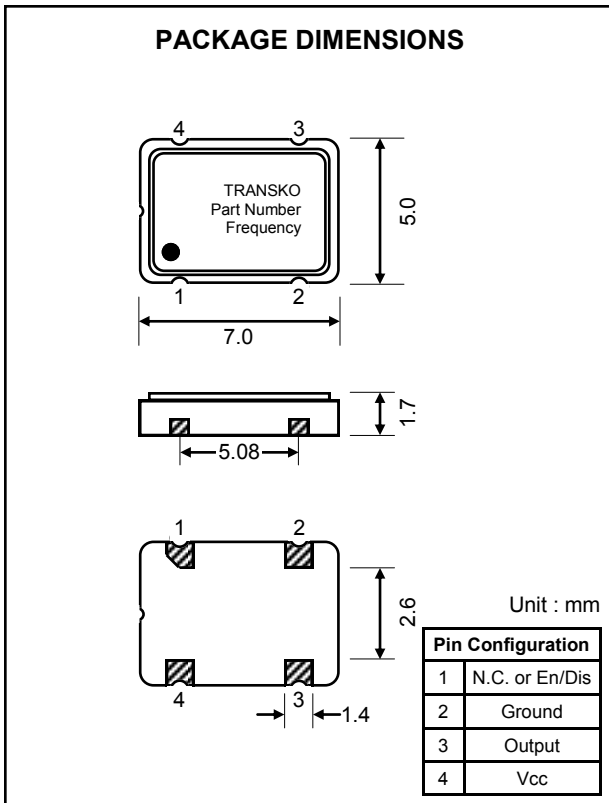
ULTRA MINIATURE CERAMIC SMD OSCILLATOR (7.0 x 5.0 x 1.7mm)
FEATURES:

- STANDARD SMD PACKAGE OSCILLATOR
- LOW NOISE / LOW CURRENT
- LOW COST / SHORT LEAD TIME

RoHS
Compliant



MODEL	TSM75		
SUPPLY VOLTAGE	1.8V ~ 2.5V	3.3V	5.0V
FREQUENCY RANGE	1.000MHz ~ 125.000MHz	1.000MHz ~ 200.000MHz	1.000MHz ~ 125.000MHz
FREQUENCY STABILITY*	± 10ppm ~ ± 100ppm*		
OUTPUT	HCMOS, TTL, CMOS/TTL		
OPERATING TEMPERATURE	0 to 70°C, Option: -40 to 85°C, -55 to 125°C		
INPUT CURRENT / FREQUENCY RANGE	12mA max: 1.000 ~ 24.999MHz 15mA max: 25.000 ~ 49.999MHz 20mA max: 50.000 ~ 69.999MHz 30mA max: 70.000 ~ 125.000MHz	15mA max: 1.000 ~ 24.999MHz 20mA max: 25.000 ~ 49.999MHz 30mA max: 50.000 ~ 69.999MHz 60mA max: 70.000 ~ 200.000MHz	20mA max: 1.000 ~ 24.999MHz 30mA max: 25.000 ~ 49.999MHz 45mA max: 50.000 ~ 69.999MHz 60mA max: 70.000 ~ 125.000MHz
DUTY CYCLE	40/60%, Option: 45/55% (1/2VDD)		
RISE/FALL TIME	7nS max (20%VDD ~ 80%VDD)	8nS max (20%VDD ~ 80%VDD)	10nS max (20%VDD ~ 80%VDD)
OUTPUT VOLTAGE VoH	90% VDD min.		
OUTPUT VOLATGE VoL	10% VDD max.		
OUTPUT LOAD	15pF max (15pF typical)	30pF max (15pF typical)	50pF max
START UP TIME	10mS max		
AGING	± 3.0ppm max @ 25± 3°C for first year		
PIN# 1 TRISTATE	PIN# 1 = H or Open: Output active on pin# 3. PIN#1 = L: High Impedance at pin# 3.		



Transko Electronics, Inc reserves the right to make changes to the product (s), service (s), and specification (s) described herein without notice. See "Terms of Sale" for details on our website.