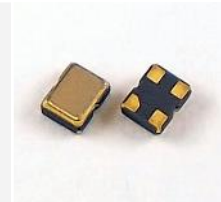


ULTRA MINIATURE SMD CMOS OSCILLATOR (2.5 x 2.0 x 1.0mm)

FEATURES:

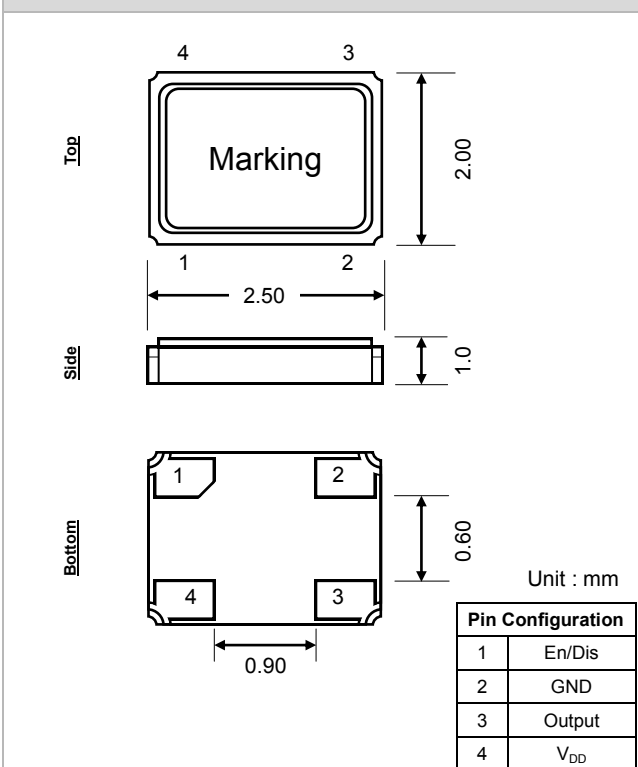
- WIDE FREQUENCY RANGE
- LOW VOLTAGE / LOW CURRENT
- ENABLE / DISABLE



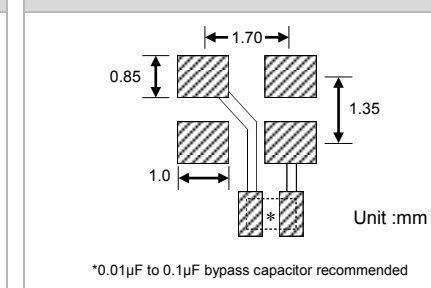
■ SPECIFICATION

FREQUENCY RANGE		750.000kHz ~ 125.000MHz
FREQUENCY STABILITY		±10ppm ~ ±100ppm
OPERATING TEMPERATURE RANGE		STD: -10°C ~ 70°C, Option: -40°C ~ 85°C (See P/N guide for other options)
STORAGE TEMPERATURE RANGE		-55°C ~ 125°C
SUPPLY VOLTAGE ±10%		1.0V _{DC} ~ 5.0V _{DC} (See P/N guide for other options)
SUPPLY CURRENT		15mA max.
OUTPUT	LOGIC FAMILY	HCMOS
	LOAD	15pF
	LEVEL LOGIC '1' (V_{OH})	0.9 x V _{DD} min.
	LEVEL LOGIC '0' (V_{OL})	0.1 x V _{DD} max.
	SYMMETRY(DUTY CYCLE)	STD: 40% / 60% @ 1/2V _{DD} level, Option: 45% / 55%
	RISE AND FALL TIME (Tr/Tf)	3.0nS typ., 10nS max.
	START-UP TIME	10mS max.
STAND-BY VOLTAGE	ENABLE (V_{IH})	0.7 x V _{DD} ≤ V _{IH} ≤ V _{DD} or N/C
	DISABLE (V_{IL})	V _{IL} ≤ 0.3 x V _{DD}
ENABLE DELAY TIME		10mS max.
DISABLE DELAY TIME		150nS max.
AGING @ 25°C ± 3°C		±3.0ppm / 1 st year max.
PHASE JITTER RMS (12kHz ~ 20MHz)		1.0pS max.

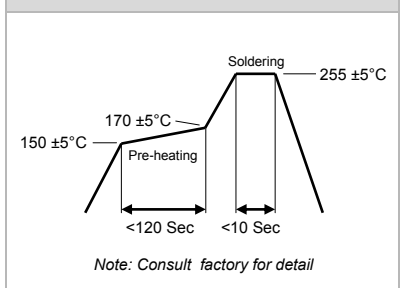
■ PACKAGE DIMENSIONS



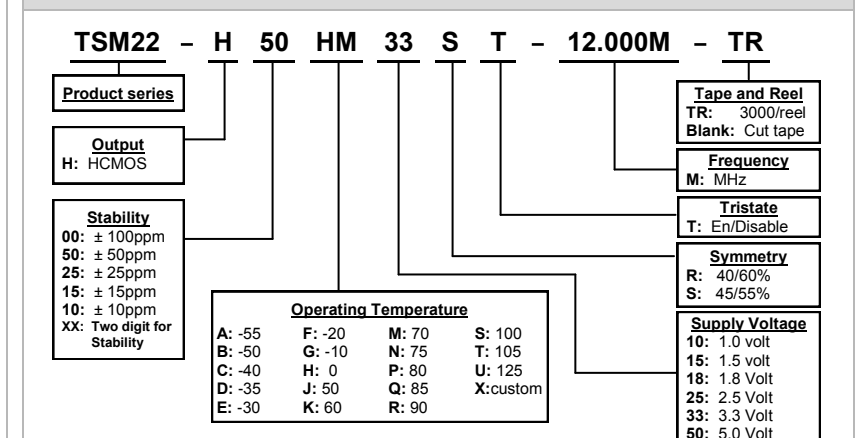
■ SOLDER PATTERN



■ REFLOW PROFILE



■ PART NUMBERING GUIDE



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.