

HCMOS OSCILLATOR (14.3 x 8.7 x 5.5mm)

FEATURES:

- FR4 based - Suitable for SMD reflow

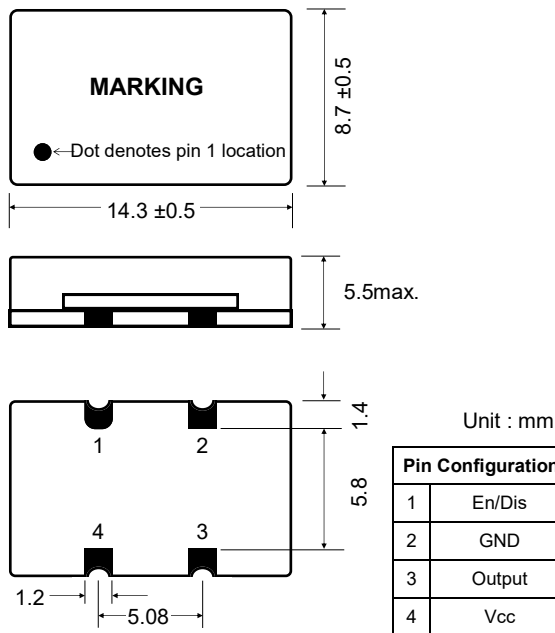


■ SPECIFICATION

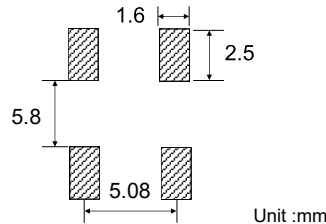
FREQUENCY RANGE		1.000KHz to 250.000MHz
FREQUENCY STABILITY		±10 ppm to ±100 ppm *
OPERATING TEMPERATURE RANGE		-40° ~ +85°C *
STORAGE TEMPERATURE RANGE		-55°C ~ +125°C
SUPPLY VOLTAGE ± 5%		3.3V or 5.0V * (160.000MHz max for 5V)
SUPPLY CURRENT		1.000KHz 40.000MHz 250.000MHz 5mA max. 30mA max 50mA max
OUTPUT	LOGIC FAMILY	HCMOS, TTL compatible
	LOAD	15pF, 10TTL
	VOH	HCMOS: 0.9 x VDD min. TTL: 2.4VDC min.
	VOL	HCMOS: 0.1 x VDD max. TTL: 0.4VDC max.
	SYMMETRY (DUTY CYCLE)	40% / 60% or 45/55% *
	RISE AND FALL TIME (Tr/Tf)	10nS max.
STAND-BY VOLTAGE	ENABLE (V_{IH})	≥ 2.0 VDC or N/C
	DISABLE (V_{IL})	≤ 0.8 VDC
AGING @ +25°C ±3°C		±3.0ppm / 1 st year max.

* Please see options in part numbering guide

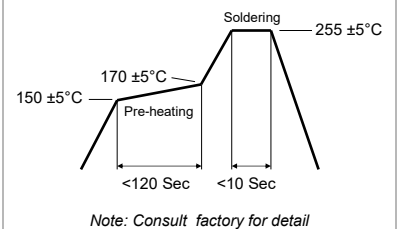
■ PACKAGE DIMENSIONS



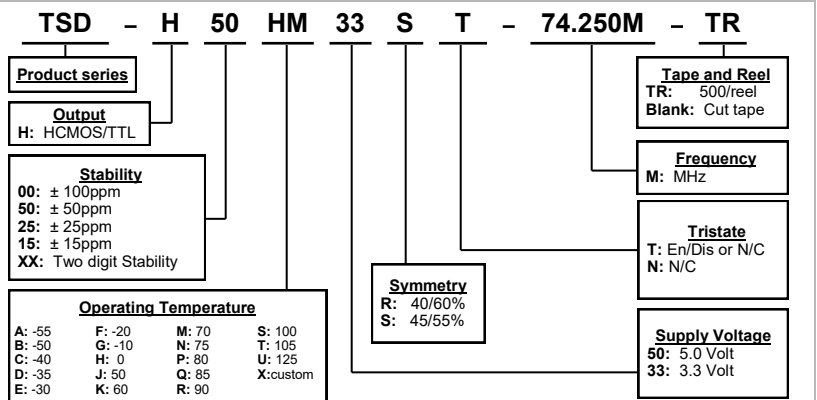
■ SOLDER PATTERN



■ REFLOW PROFILE



■ PART NUMBERING GUIDE



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