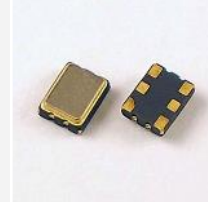


OSCILLATOR (3.2 x 2.5 x 1.1mm)

FEATURES:

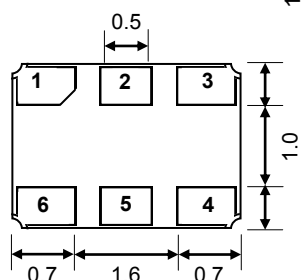
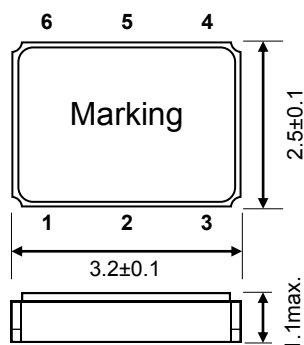
- HIGH STABILITY OVER EXTENDED TEMPERATURE RANGE
- WIDE FREQUENCY RANGE



■ SPECIFICATION

FREQUENCY RANGE		2.500MHz ~ 55.000MHz
FREQUENCY STABILITY		±10ppm ~ ±20ppm (overall condition)
OPERATING TEMPERATURE RANGE		STD: -30°C ~ 85°C, Option: -40°C ~ +85°C (See P/N guide for other options)
STORAGE TEMPERATURE RANGE		-55°C ~ 125°C
SUPPLY VOLTAGE ± 5%		+2.5V _{DC} ~ +3.3V _{DC}
SUPPLY CURRENT (Pin#1 = Open or VIH)		7mA max.
OUTPUT	LOGIC FAMILY	HCMOS
	LOAD	15pF max.
	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)	45% / 55% @ 1/2V _{DD} level
	RISE AND FALL TIME (Tr/Tf)	5nS max.
	START-UP TIME	10mS max.
STAND-BY VOLTAGE	ENABLE (V _{IH})	V _{DD} - 0.5V _{DC} min.
	DISABLE (V _{IL})	0.5V _{DC} max.
STAND-BY CURRENT (Pin#1 = V _{IL})		10µA max.
ENABLE DELAY TIME		10mS max.
DISABLE DELAY TIME		100nS max.
AGING @ +25°C ±3°C		±3.0ppm / 1 st year max.
PHASE JITTER RMS (12kHz ~ 20MHz)		100fS typ. 500fS max.
PHASE NOISE		-130dBc/Hz max. @ 1kHz offset

■ PACKAGE DIMENSIONS

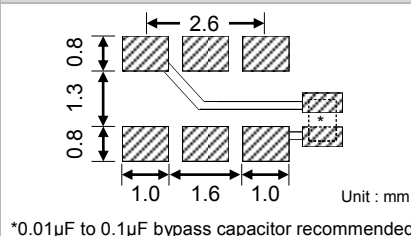


Unit : mm

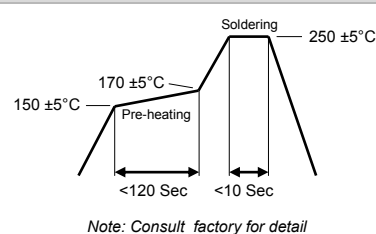
Pin Configuration		
1	Disable	Enable or N.C.
2	N.C.	
3	GND	
4	Z*	Output
5	N. C.	
6	V _{DD}	

*Z: high impedance

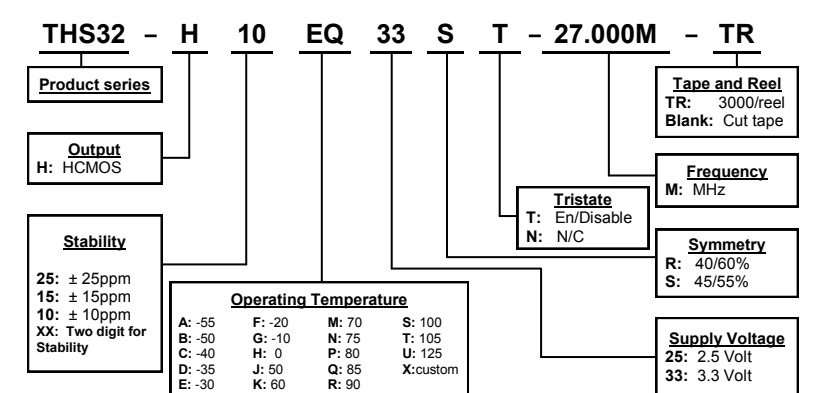
■ SOLDER PATTERN



■ REFLOW PROFILE



■ PART NUMBERING GUIDE



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