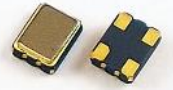
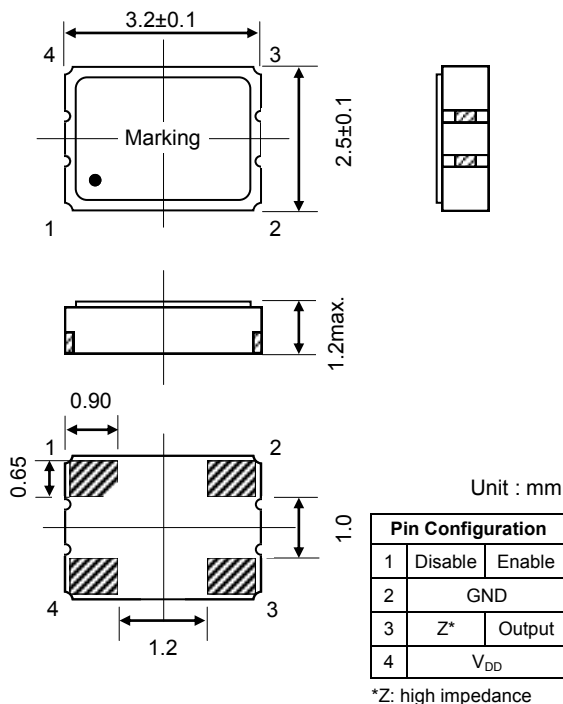
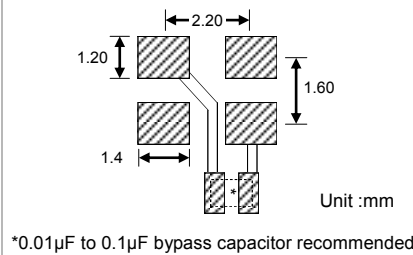
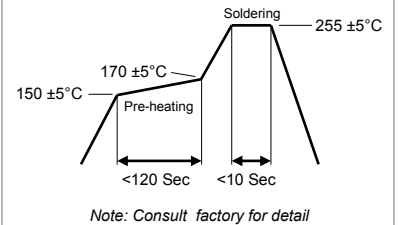
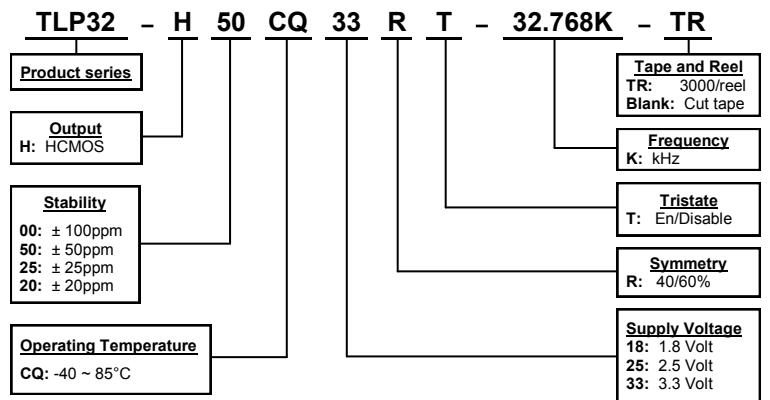


MINIATURE SMD OSCILLATOR (3.2 x 2.5 x 1.1mm)
FEATURES:

- HCMOS OUTPUT @ 32.768kHz
- LOW POWER CONSUMPTION


■ SPECIFICATION

FREQUENCY		32.768kHz
FREQUENCY STABILITY		STD: ±50ppm (See P/N guide for other options)
OPERATING TEMPERATURE RANGE		-40°C ~ 85°C
STORAGE TEMPERATURE RANGE		-55°C ~ 125°C
SUPPLY VOLTAGE ±10%		1.8V ~ 3.3V
SUPPLY CURRENT		10µA 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)	40% / 60%
	RISE AND FALL TIME (Tr/Tf)	30nS 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}
AGING @ +25°C ±3°C		±3.0ppm / 1 st year 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.