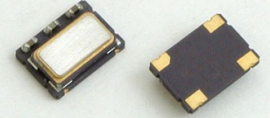


MINIATURE CERAMIC SMD OSCILLATOR (7.0 x 5.0 x 1.8mm)

FEATURES

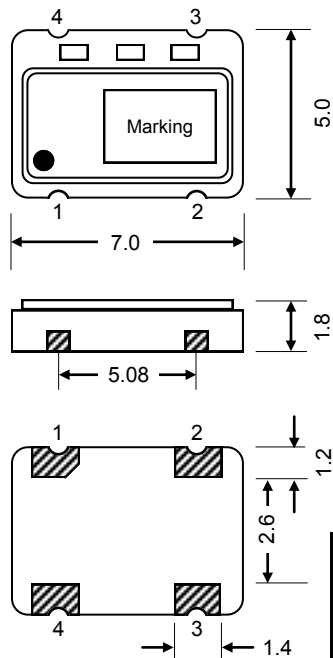
- 32.768KHz REAL TIME CLOCK
- INDUSTRIAL TEMPERATURE RANGE
- LOW CURRENT / LOW VOLTAGE

RoHS
Compliant

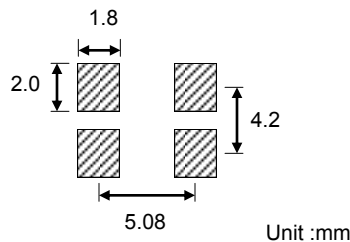


MODEL	TSL75
FREQUENCY RANGE	10 KHz ~ 200 KHz (32.768KHz Standard)
TEMPERATURE STABILITY	±10ppm ~ ±100ppm
OPERATING TEMPERATURE	0°C ~ 70°C to -40°C ~ 85°C
STORAGE TEMPERATURE	-55°C to 125°C
INPUT VOLTAGE	3.3 Vdc ±10%
INPUT CURRENT	5 mA Max.
OUTPUT '0' LEVEL (Vol)	0.33V Max
OUTPUT '1' LEVEL (Voh)	2.97V Min
SYMMETRY	45/55% or 40/60%
RISE & FALL TIME	25 nS Max.
START UP TIME	10 mS Max.
OUTPUT LOAD	15 pF or 10TTL
AGING	±5 ppm / year Max.

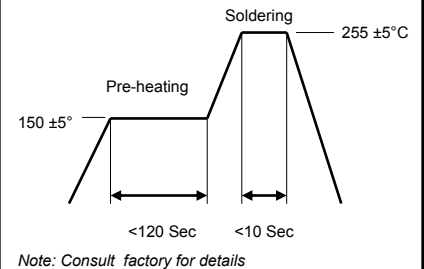
PACKAGE DIMENSIONS



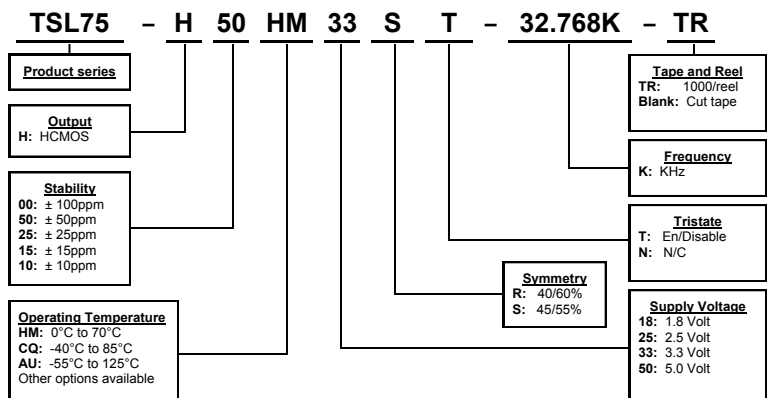
SOLDER PATTERN



REFLOW PROFILE



PART NUMBERING GUIDE



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