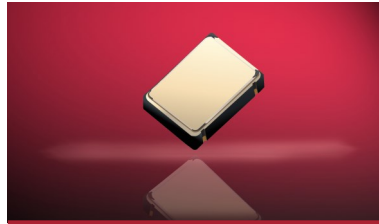
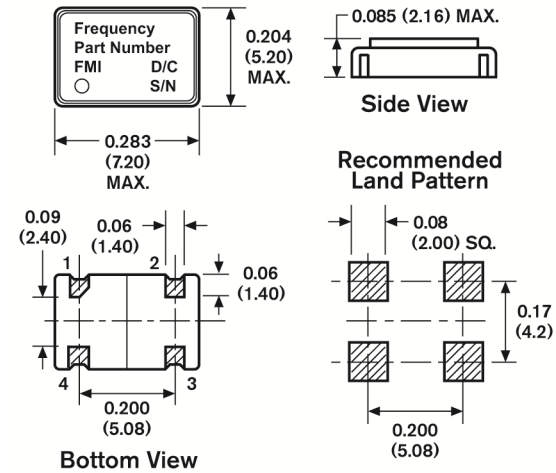
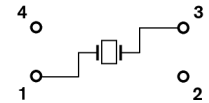


P/N: FM5HTX4-32K768


Actual Size

MECHANICAL SPECIFICATIONS
Package Outline Drawing


Crystal Connection


High Temperature 5x7 mm SMD Packaged Tuning Fork CRYSTAL Resonator

ELECTRICAL SPECIFICATIONS	PARAMETER
FREQUENCY	32.768 KHz
FREQUENCY CALIBRATION TOLERANCE	±20 ppm to ±100 ppm @ +25°C
TURNOVER TEMPERATURE	+25°C ±5°C
TEMPERATURE COEFFICIENT	-0.035 ± 0.006 ppm/°C ²
Δf/f ₀ [ppm]	(-0.035 ± 0.006) [ppm/°C ²] x (T-T ₀) ²
OPERATING TEMPERATURE RANGE	-55°C to +200°C
STORAGE TEMPERATURE	-55°C to +200°C
LOAD CAPACITANCE (CL)	12.5 pF
SHUNT CAPACITANCE	7 pF max
MOTIONAL (series) RESISTANCE	70K Ω max @ +25°C
QUALITY FACTOR	40,000 [1] typical
DRIVE LEVEL	1 μW typical
AGING	±3 ppm max 1st year @ +25°C ±3°C

Package type: 5x7 mm Ceramic SMD Package with 4 Gold Plated Pads

Pb-free / RoHS Compliant



Marking Example

MARKING

Line 1	Frequency	Line 3	FMI & Date Code
Line 2	Part Number	Line 4	Pin 1 ID & S/N

Dimensions: mm

FMI Drawing Number: FM5HTX4 - 32K768 Revision: -

Date: 01/03/2020

By: G. Slacum

Page: 1 of 1

Approval: K. Sariri

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