

LOW FREQUENCY TUNING FORK RESONATORS (SMD)

SMLF-MP03



FEATURES

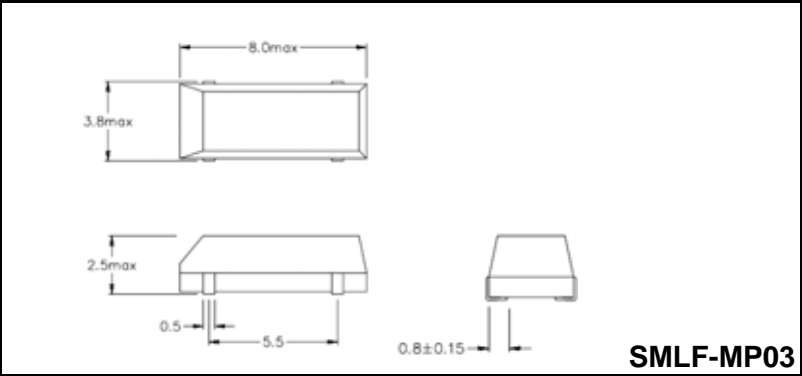
- Surface Mount
- Pick and place assembly
- Reflow solderable



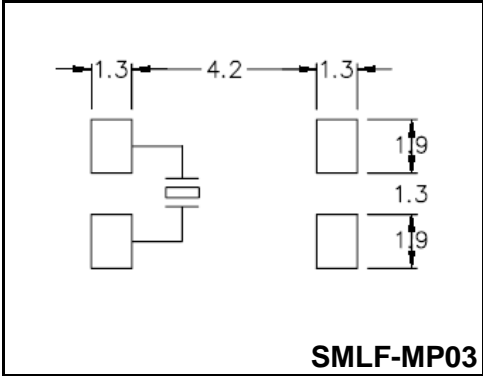
Item		Specifications
Nominal Frequency Range	$f_0$	32.768KHz
Frequency Tolerance, Ta=25°C ± 3°C	$\Delta f/f$	±20ppm
Load Capacitance	$C_L$	6pF, 12.5pF
Temperature Coefficient	$\Delta f/f$	-0.034±0.006ppm/°C <sup>2</sup>
Operating Temperature Range	T <sub>OPR</sub>	-10°C ~ +70°C
Storage Temperature Range	T <sub>STG</sub>	-55°C ~ +125°C
Drive Level	DL	0.1mW (0.5mW Max.)
Series Resistance (ESR)	R <sub>1</sub>	50KΩ Max.
Insulation Resistance	IR	500MΩ Min.
Aging	$\Delta f_A$	±5ppm/Year Max.

Please consult our sales representatives for other specifications.

DIMENSION (mm)



SOLDERING PATTERN (mm)



All specifications are subject to change without notice.