

Tuning Fork Unit

TF-2012



Applications

- Consumer Mobile Equipment

Features

- Small / Low Profile (2.0×1.2×0.6)
- Ceramic Package
- Pb Free , Reflow Compatible



Electrical Specifications

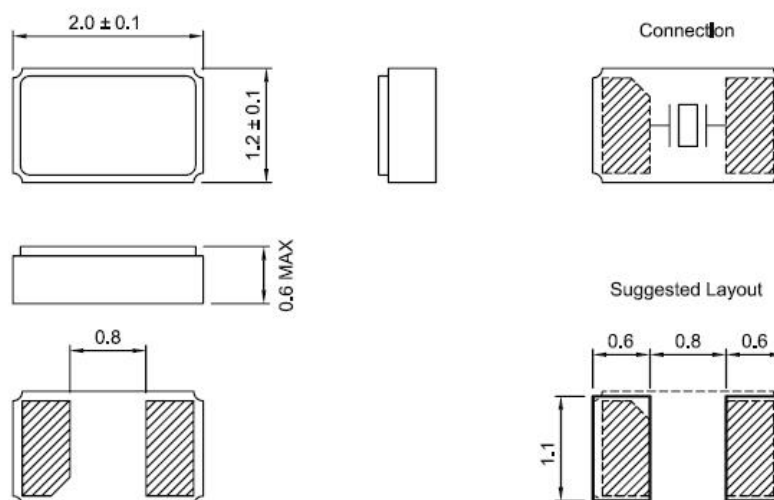
Item / Type	
Norminal Frequency	32.768 KHz
Frequency Tolerance(at 25 °C)	± 20 ppm , or specify
Operation Temperature Range	- 40 ~ + 85 °C
Shunt Capacitance (C0)	1.3pF typical
Motional Capacitance (C1)	6.4fF typical
Insulation Resistance (IR)	500 MΩ Min.
Drive Level (DL)	0.5 μW Max.
Load Capacitance(CL)	12.5 pF , other spec.
Turnover Temperature (Ti)	25 °C ± 5 °C
Parabolic Coefficient (B)	(- 0.03 ± 0.01) * 10 ⁻⁶ / °C ²
Aging (at 25 °C)	± 3 ppm at first year
Storage Temperature Range	- 55 ~ +125 °C

Equivalent Series Resistance(ESR)

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90 KΩ Max

Dimensions



Units: mm