

FMXMC15S^{SERIES}

Microprocessor Crystals

CERAMIC SMD 3.2x1.5



- Surface Mount Ceramic Pkg.
- Tuning Fork Crystal
- 32.768 kHz
- Tight Stability

SPECIFICATIONS

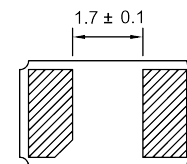
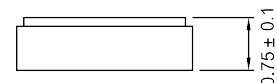
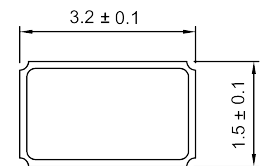
Issue 1 - 04012013



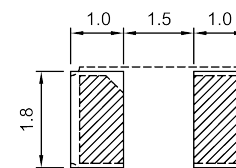
Parameter	Specification
Frequency	32.768 kHz
Load Capacitance (CL)	12.5 pF
Frequency Tolerance	±20 ppm or ±50 ppm @ +25°C
Turnover Temperature	+25°C ppm ±5°C
Temperature (Parabolic) Coefficient	(-0.04 ±0.01) X 10 ⁻⁶ /°C ²
Operating Temperature	-40 to +85°C
Storage Temperature	-55 to +125°C
Equivalent Series Resistance (ESR)	90 KΩ max
Drive Level	0.5 μW max
Shunt Capacitance (C0)	1.4 pF typical
Motional Capacitance (C1)	6.0 fF typical
Insulation Resistance (IR)	500 MΩ min
Aging @ +25°C	±3 ppm first year max

All specifications subject to change without notice.

3.2 x 1.5 CERAMIC SMD



Suggested Layout

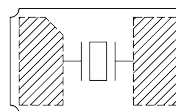


STANDARD MARKING

FMI XX.XXX

XX.XXX FREQUENCY in MHz

Connection



NOTE: Standard Specifications for product indicated in color

Dimensions: millimeters

PART DESCRIPTION SYSTEM

