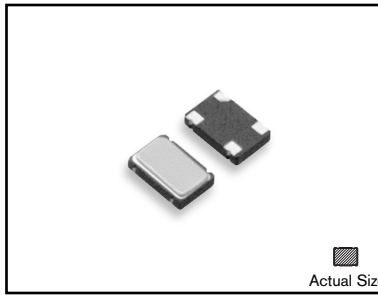


FMXMC2S SERIES

Microprocessor Crystals

CERAMIC SMD 3.2x2.5



- Surface Mount Ceramic Pkg.
- Micro 3.2 x 2.5 / Ultra Thin
- High Reliability
- Tight Stability



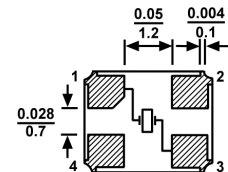
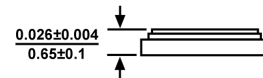
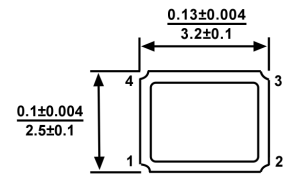
SPECIFICATIONS

08 - Issue 3 - 080408

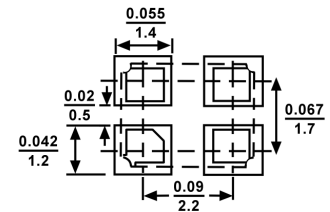
Parameter	Specification
Frequency Range	12 - 54 MHz
Operation Mode	See Operation Mode and ESR Table
Load Capacitance (CL)	18 pF Std., 8 - 60 pF and Series available
Frequency Tolerance	±30 ppm @ 25°C Std. (See Cal. Tol. for Options)
Temperature Tolerance	±50 ppm Std. (See Temp. Tol. for Options)
Operating Temperature	0 to +70°C Std. (See Temp. Range for Options)
Storage Temperature	-40 to +85°C
Equivalent Series Resistance (ESR)	See Operation Mode and ESR Table
Shunt Capacitance (C0)	5 pF max.
Drive Level	50 uW typical, 1 mW max.
Aging @ 25°C	±5 ppm per year max.

All specifications subject to change without notice.

3.2 x 2.5 CERAMIC SMD



Recommended Land Pattern



PIN FUNCTION TABLE

Pin	Function
1	Crystal
2	Ground
3	Crystal
4	Ground

OPERATION MODE AND ESR TABLE

Frequency (MHz)	Mode	Max. ESR (Ohms)
12 - 16.00	Fundamental	80
16 - 28.00	Fundamental	60
28 - 54.00	Fundamental	50

STANDARD MARKING

FMI XX.XXX

XX.XXX FREQUENCY in MHz

NOTE: Standard Specifications for product indicated in color

Dimensions: millimeters

PART DESCRIPTION SYSTEM

FMXM C2S 1 18 H J A - XX.XXXXXXM - CM

