

# VFSMC-3



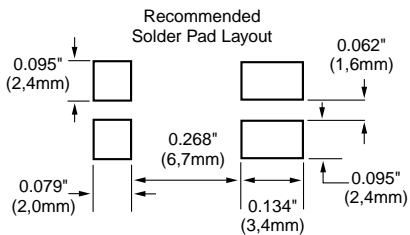
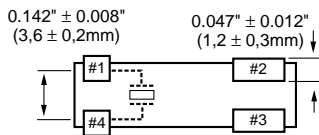
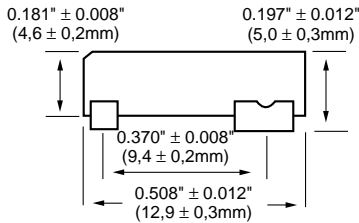
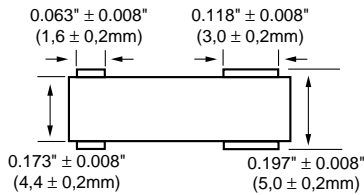
## Plastic Encased SMD Crystal

### FEATURES

- Low Profile (5,0mm)
- Industry Standard
- Compact Design
- Space Saving
- Cost Effective

### OPTIONS

- Tape & Reel



Parameter	Unit	Condition	Min	Typ	Max	Note
Frequency Range	MHz		3.579545		70.000	
Frequency Tolerance	ppm	@25°C C <sub>L</sub> = 12.5pF		±50		
Frequency Stability	ppm	-10°C to 70°C		±100		Ref: @ 25°C
Operating Temperature Range	°C		-10		+60	
Storage Temperature Range	°C		-55		125	
Shunt Capacitance (C <sub>0</sub> )	pF				7.0	
Load Capacitance (C <sub>L</sub> )	pF	Customer Specified	10.0		Series	
Drive Level	mW				0.1	
Aging Per Year	ppm	@25°C	-5.0		+5.0	
Frequency Range	Mode		Max ESR (Ω)			
3.579 - 4.000	Fundamental		200			
4.000 - 5.000	Fundamental		150			
5.000 - 6.000	Fundamental		120			
6.000 - 7.000	Fundamental		100			
7.000 - 9.000	Fundamental		80			
9.000 - 13.000	Fundamental		60			
13.000 - 20.000	Fundamental		40			
20.000 - 30.000	Fundamental		30			
30.000 - 70.000	3rd Overtone		100			

Note: Please reference "Building a Part Number" on page 36 if the desired specification is not found in the "Standard Crystal Part Number Chart" on pages 13-14.

All specifications are subject to change without notice.