

VFE Series (VFEG)

Miniature Ceramic Base Crystal Unit (5,0 x 7,0mm)



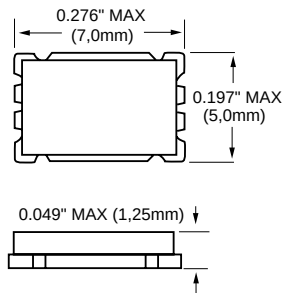
The VFE has a package height of 1.25mm in a glass sealed ceramic housing that offers economical cost and high reliability.

FEATURES

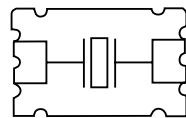
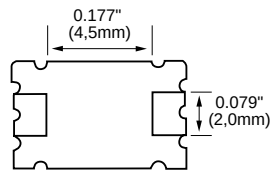
- Glass Sealed Ceramic Package
- Industry Standard Pin-out Spacing
- Economical Cost
- 3 Different Footprints
- Gold Plated Terminals

OPTIONS

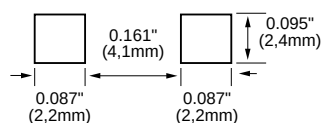
- 1000 Piece Tape & Reel



VFEE



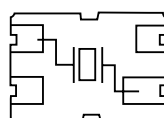
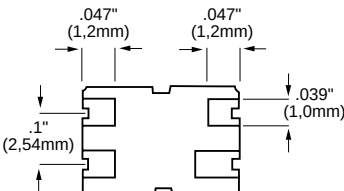
Recommended
Solder Pad Layout
VFEE



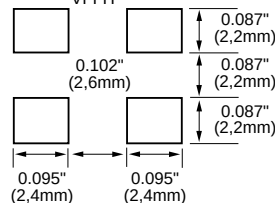
Parameter	Unit	Condition	Min	Typ	Max	Note
Frequency Range	MHz		12		100	
Frequency Tolerance	ppm	@ 25°C		±50	±50	
Frequency Stability	ppm			±50	±50	
Operating Temperature Range	°C		-10		+60	
Storage Temperature Range	°C		-30		+85	
Shunt Capacitance (C ₀)	pF					
Load Capacitance (C _L)	pF		10	18		
Drive Level	mW			0.1		
Aging Per Year	ppm	@ 25°C			±5	
Frequency Range		Mode		ESR (Ω)		
12.000 - 15.999		Fundamental		60		
16.000 - 42.000		Fundamental		40		
36.000 - 100.000		3rd OT		60		

All specifications are subject to change without notice.

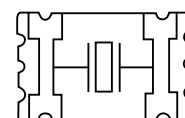
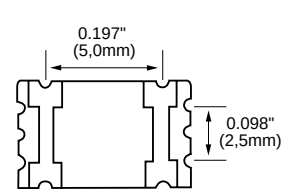
VFEG



Recommended
Solder Pad Layout
VFEG



VFEH



Recommended
Solder Pad Layout
VFEH

