

VFHFF

High Frequency Fundamental Crystal

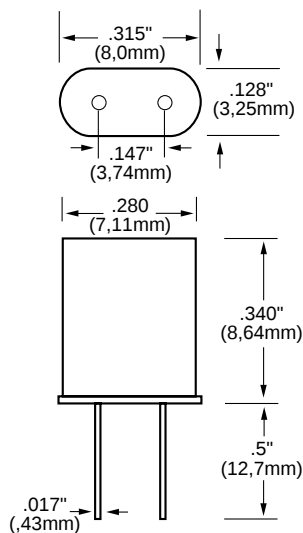


FEATURES

- Miniature Package
- Wide Frequency Range
- Small Footprint
- Low Profile
- Inverted Mesa Technology

OPTIONS

- Tape & Reel
- Lower Profile



Parameter	Unit	Condition	Min	Typ	Max	Note	
Frequency Range	MHz		40.0		500.00		
Frequency Tolerance	ppm	25°C			±20		
Frequency Stability	ppm		-50		+50	Ref: @ 25°C	
Temperature Range: Operating Storage	°C		-40	See Table	+85		
Shunt Capacitance	pF				7.0		
Load Capacitance	pF	Customer Specified		10.0	Series		
Drive Level	mW				1.0		
Aging Per Year	ppm	1st Year	-5		+5.0	Frequency Dependent	
Frequency Range		Mode		ESR (Ω)			
40.000 - 200.000		Fundamental		40			
120.000 - 300.000		3rd Overtone		60			
200.000 - 500.000		5th Overtone		100			
Tolerances Temp. Ranges	Typical Temperature Characteristics						
	±5 ppm	±10 ppm	±15 ppm	±20 ppm	±25 ppm	±50 ppm	±100 ppm
	Y	Y	Y	Y	Y	Y	Y
	Y	Y	Y	Y	Y	Y	Y
	Y	Y	Y	Y	Y	Y	Y
	N	N	Y	Y	Y	Y	Y
	N	N	N	Y	Y	Y	Y
	N	N	N	N	N	Y	Y
N	N	N	N	N	N	Y	

All specifications are subject to change without notice.