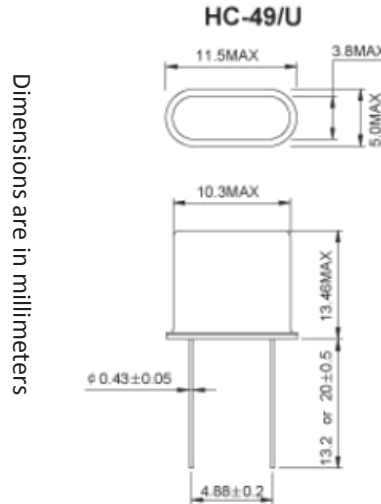


## CFA Series Crystal

11.5x5.0x13.46  
HC-49/U  
RoHS Compliant  
1.8432 to 85.000MHz

### Mechanical Dimensions



### Electrical Specifications

Frequency Range		1.8432MHz to 85.000MHz
Operating Temperature Range		-10° to 60°C, -20 to 70°C or -40° to 85°C
Storage Temperature Range		-55°C to 125°C
Aging		±5ppm / Year Max
Shunt Capacitance		7pF Max
Insulation Resistance		500 MΩ@ DC100V

Frequency	ESR	Mode
1.8432MHz to 1.999MHz	600Ω	Fundamental
2.000MHz to 2.999MHz	500Ω	Fundamental
3.000MHz to 3.499MHz	150Ω	Fundamental
3.500MHz to 3.999MHz	120Ω	Fundamental
4.000MHz to 4.999MHz	100Ω	Fundamental
5.000MHz to 5.999MHz	80Ω	Fundamental
6.000MHz to 6.999MHz	60Ω	Fundamental
7.000MHz to 7.999MHz	50Ω	Fundamental
8.000MHz to 9.999MHz	40Ω	Fundamental
10.000MHz to 12.999MHz	30Ω	Fundamental
13.000MHz to 30.000MHz	25Ω	Fundamental
24.000MHz to 29.999MHz	60Ω	Third Overtone
30.000MHz to 85.000MHz	40Ω	Third Overtone

### Part Numbering Guide

CFA 18 B 2 A -25.000MHz-T

**Series**  
CFA

**Load Capacitance**  
S = Series Resistance  
XX = XXpF

**Tolerance / Stability**  
A = 50/100ppm  
B = 50/50ppm  
C = 30/50ppm  
D = 15/30ppm  
E = 10/15ppm

**Packaging Options**  
Blank = Bulk  
T = Tape & Reel

**Center Frequency**

**Mode Of Operation**  
A = Fundamental  
B = Third Overtone

**Operating Temp Range**  
1 = -10°C to 60 °C  
2 = -20°C to 70°C  
3 = -45°C to 85°C

### Part Marking

Line 1	CFP XX.XXX
XX.XXX = Frequency	
Line 2	XX YY ZZ
XX = Internal Code YY = Week of Year ZZ = Year	