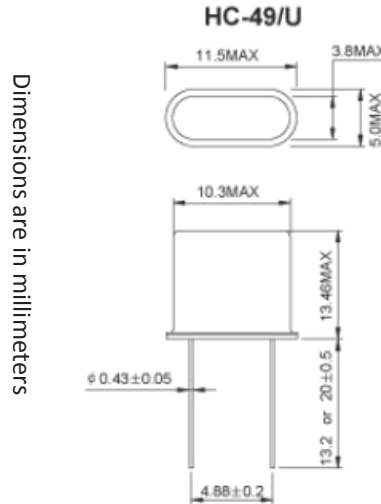


CFA Series Crystal

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