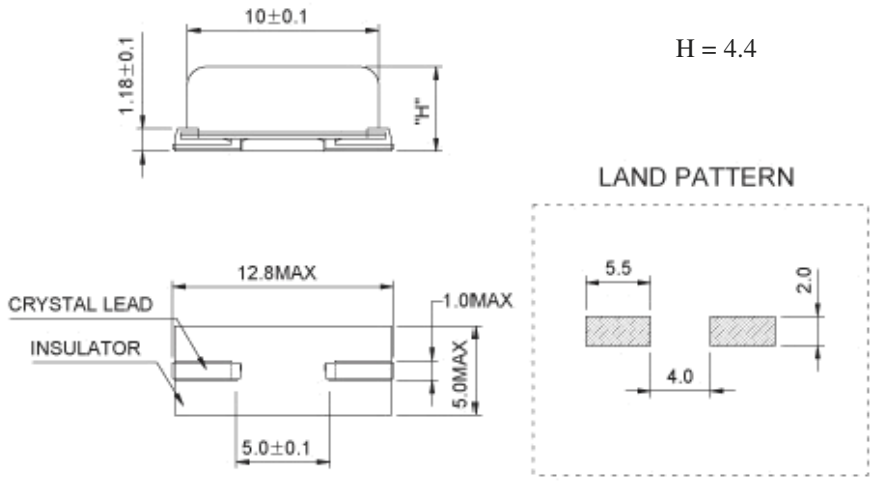
CRESCENT
FREQUENCY PRODUCTS

CFC Series
Crystal

13.0x4.85x4.5
Metal Can
RoHS Compliant
3.500MHz to
85.000MHz

Mechanical Dimensions



Electrical Specifications

Frequency Range		3.5000MHz 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
3.579MHz to 3.999MHz	150Ω	Fundamental / AT
4.000MHz to 4.999MHz	120Ω	Fundamental / AT
5.000MHz to 5.999MHz	100Ω	Fundamental / AT
6.000MHz to 7.999MHz	90Ω	Fundamental / AT
8.000MHz to 9.999MHz	70Ω	Fundamental / AT
10.000MHz to11.999MHz	60Ω	Fundamental / AT
12.000MHz to 19.999MHz	40Ω	Fundamental / AT
20.000MHz to 27.000MHz	30Ω	Fundamental / AT
27.000MHz to 32.999MHz	50Ω	Fundamental / BT
33.000MHz to 40.000MHz	40Ω	Fundamental / BT
24.576MHz to 47.999MHz	80Ω	3rd Overtone
48.000MHz to 85.000MHz	60Ω	3rd Overtone

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

Part Numbering Guide

CFC 18 B 2 A -25.000MHz-T

Series
CFC

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
3.579MHz to 85.000MHz

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

Crescent Frequency Products, 19363 Willamette Dr. #120, West Linn, OR 97068
Phone: (949) 484-4332 www.crescentfrequency.com