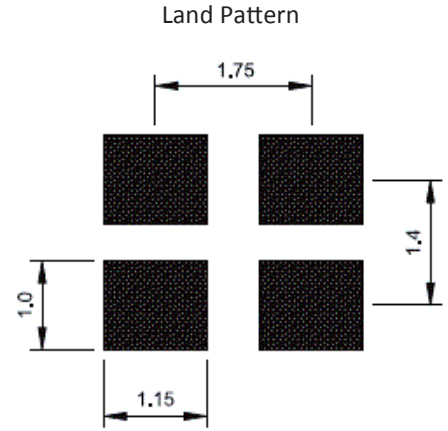
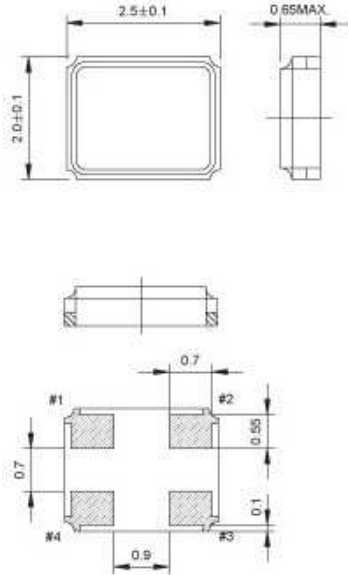


CFF Series Crystal

2.5x2.0x0.55mm
Ceramic SMD
RoHS Compliant
16.000MHz to
50.000MHz

Mechanical Dimensions



Dimensions are in millimeters

Electrical Specifications

Frequency Range	16.00MHz to 50.000MHz
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
16.00MHz to 19.999MHz	<120Ω	Fundamental
20.000MHz to 29.999MHz	<80Ω	Fundamental
30.000MHz to 50.000MHz	<50Ω	Fundamental

Part Marking	
Line 1	CXX.X
XX.XXX = Frequency	
Line 2	YY ZZ
YY = Week of Year ZZ = Year	

Part Numbering Guide

CFF 18 B 2 A -25.000MHz-T

Series
CFF

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

Operating Temp Range
1 = -10°C to 60 °C
2 = -20°C to 70°C
3 = -40°C to 85°C