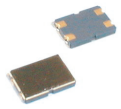
BFC75CBW CERAMIC BEAM WELDING SURFACE MOUNT PACKAGE CRYSTAL



Features:

RoHS Compliant (Pb-Free),
Important Low Frequency Range
AT-cut Crystal, Vacuum Sealed with Excellent Aging,
Extended Temperature Range
Industry Standard Footprint,
Compact Size (7 x 5 mm) with 1.3 mm Height Maximum
Excellent Solderability

ELECTRICAL SPECIFICATIONS	
Frequency Range	4 MHz to 15 MHz
Resonance Mode	) Fundamental
Calibration Tolerance @ 25°C	± 50ppm, ± 30ppm, ± 20ppm, ± 15ppm, ± 10ppm
Frequency Stability Ref @ 25°C	± 50ppm, ± 30ppm, ± 10ppm, ± 5ppm
Temperature Range	0-70°C, -10+60°C, -20+70°C,-40+85°C,
Crystal Aging	± 5ppm / Year Maximum
Storage Temperature	-40+85°C
Shunt Capacitance	< 7.0pF
Load Capacitance	7pF to 32pF (18pF Load Standard) or Series Resonant
Drive Level	0.1mW Maximum

Equivalent Series Resistance (Maximum)

Frequency Range	ESR (Ohms)	Mode	Frequency Range	ESR (Ohms)	Mode
4.0 to 4.999 MHz	200.0	Fundamental	7.0 to 8.999 MHz	100.0	Fundamental
5.0 to 5.999 MHz	150.0	Fundamental	9.0 to 12.999MHz	80.0	Fundamental
6.0 to 6.999 MHz	120.0	Fundamental	13.0 to 15.0MHz	50.0	Fundamental

Part Numbering System

Model	Frequency	Load (CI)	Tolerance @ 25°C	Stability Over Temp. Range	Operate Temp.
BFC75CBW	143= 14.31818	S = Series	5 = ± 50ppm	5 = ± 50ppm	A = 0-70°C
Click Here for Standard Crystal Frequencies Abbreviations Page		7pF-32pF	3 = ± 30ppm	3 = ± 30ppm	B = -10+60°C
			2 = ± 20ppm	1 = ± 10ppm	C = -20+70°C
			6 = ± 15ppm	4 = ± 5ppm	D = -40+85°C
			1 = ± 10ppm		

OUTLINE DRAWING