



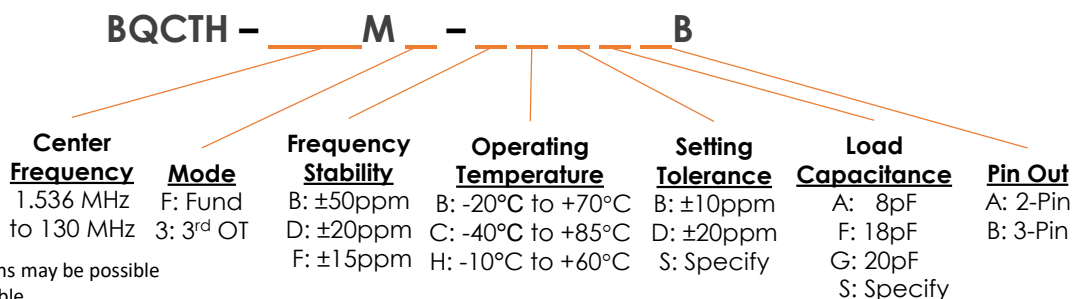
FEATURES

- ✓ Wide Frequency Range
- ✓ HC-49/U Package
- ✓ High Stability Over Temp

Crystals

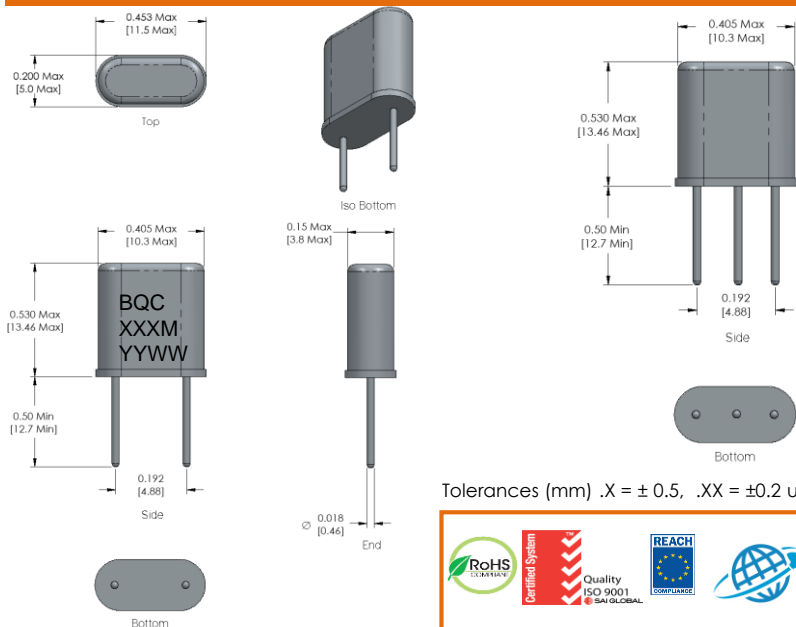
#blileytakesyoufurther

Part Number Configuration



*Not all combinations of options may be possible
**Other options may be available

Physical Specifications



PIN	FUNCTION
1	Crystal
2/DNP	Ground
3	Crystal

Tolerances (mm) .X = ± 0.5, .XX = ±0.2 unless otherwise specified

Notes
1) Weight = 1.5gms typical

Performance Specifications

Parameter	Conditions	Min	Max	Unit
Frequency Range	Fundamental	1.536	60	MHz
	3 rd Overtone	61	130	MHz
Frequency Tolerance	@ + 25°C		±100 Max (see options)	ppm
Frequency Stability			±100 Max (see options)	ppm
Aging	1 st Year		±5.0	ppm
Equivalent Series Resistance (max)	Dependent on Frequency and Mode	25	500	Ω
Insulative Resistance	Min @ 100Vdc ±15Vdc		500	MΩ
Drive Level	Typical		100	μW
C0 (Shunt Capacitance)	Max (typical)	1.0	7.0	pF
CL (Load Capacitance)	Per Option (typical)		6-20 (see options)	pF
DLD	50nW to 100μW		±10 Max	ppm
RLD	50nW to 100μW		20% Max	Ω
Operating Temp Range	See Options	-20 to +70 / -40 to +85 / -10 to +60		°C
Storage Temp Range			-55 to +125	°C
Sealing Method		Resistance Weld		
Moisture Sensitivity Level		1		