BQCTR-XXXMX-XXXXB - HC-51/U Crystals



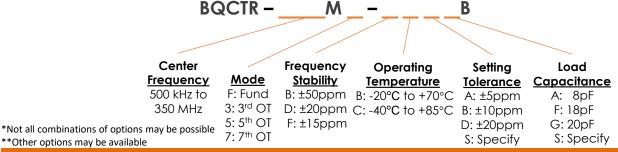
FEATURES

✓ Wide Frequency Range✓ HC-51/U Package✓ High Stability Over Temp

Crystals

#blileytakesyoufurther

Part Number Configuration



Physical Specifications











PIN	FUNCTION		
1	Crystal		
2	Crystal		

Tolerances (mm) $.X = \pm 0.5$, $.XX = \pm 0.2$ unless otherwise specified



Notes
1) Weight = 1.5gms typical

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Performance Specifications

Parameter	Conditions	Min	Max	Unit
Frequency Range		500k	350M	Hz
Frequency Tolerance	@ + 25°C		±50 Max (see options)	ppm
Frequency Stability			±100 Max (see options)	ppm
Aging	Max 1 st Year	±1.0	±5.0	ppm
Equivalent Series Resistance (max)	Dependent on Frequency and Mode	25	1000	Ω
Insulative Resistance	Min @ 100Vdc ±15Vdc	500		$M\Omega$
Drive Level	Typical	100		μW
C0 (Shunt Capacitance)	Max (typical)	1.0	5.0	рF
CL (Load Capacitance)	Per Option (typical)	6-20 (see options)		рF
DLD	50nW to 100µW	±10 Max		ppm
RLD	50nW to 100µW	20% Max		Ω
Operating Temp Range	-/.		-20 to +70 / -40 to +85	
Storage Temp Range		-55 to +125		°C
Sealing Method		Resistance Weld		
Moisture Sensitivity Level	1			
G-Sensitivity			0.2	ppb/g
Vibration	MIL-STD-202, Method 214, Test Condition E			
Shock	MIL-STD-202, Method 213, Test Condition G			

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