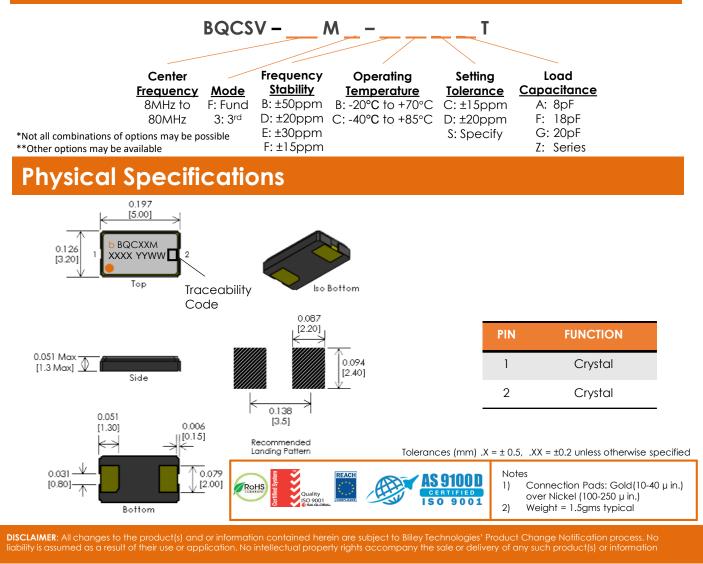
BQCSV-XXXMX-XXXXT - 5.0x3.2 Crystals

Part Number Configuration



REV 2.0 2018



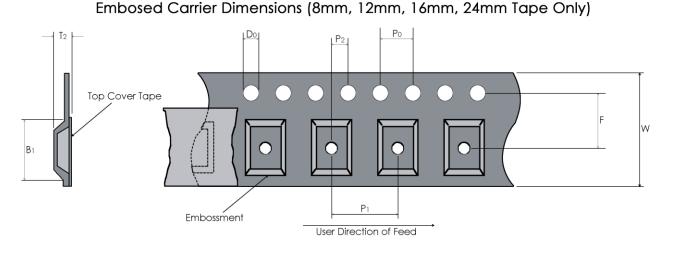
Performance Specifications

Parameter	Conditions	Fundamental	3 rd overtone	Unit	
Frequency Range		8.0 - 54.0	40.0-80.0	MHz	
Frequency Tolerance	@ + 25°C	±50 Max (se	±50 Max (see options)		
Frequency Stability		±50 Max (se	Max (see options)		
Aging	Max 1 st Year	±5	ppm		
	8.0 – 9.0 MHz	140		Ω	
	9.0 – 10.0 MHz	120		Ω	
	10.0 – 16.0 MHz	60		Ω	
Equivalent Series Resistance (max)	16.0 – 20.0 MHz	40		Ω	
	20.0 – 30.0 MHz	30		Ω	
	30.0 – 54.0 MHz	25		Ω	
	54.0 – 80.0 MHz		60	Ω	
Insulative Resistance	Min @ 100Vdc ±15Vdc	50	00	MΩ	
Drive Level		10 Тур, 1	00 Max	μW	
C0 (Shunt Capacitance)	Мах	7.	pF		
CL (Load Capacitance)	Per Option (typical)	8-20 (see	options)	pF	
DLD	50nW to 100µW	±10 Max		ppm	
RLD	50nW to 100µW	20%	Max	Ω	
Operating Temp Range)	-20 to +70 /	-40 to +85	°C	
Storage Temp Range		-40 tc	o +90	°C	
Sealing Method		Herm	netic		

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Tape and Reel



Tape Dimensions (mm) Reel Dimensions (mm)									
W	F	Do	Ро	P1	P2	B1	T2	Outside Dia.	Parts / Reel
12	5.5	1.5	4.0	8	2.0	5.5	1.7	180	1,000

Recommended Reflow Profile

Reflow Profile: in accordance to IPC/JEDEC J-STD-020 (Latest Revision)

Additional Notes:

- This part has been designed for pick and place reflow soldering
- This part may be reflowed once
- This part should not be reflowed in the inverted position

Packaging

Packaging: All packaging must conform to ESD Controls detailed in ANSI/ESD S20.20 (Latest Revision)

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