

BQZ series Quartz CRYSTALS

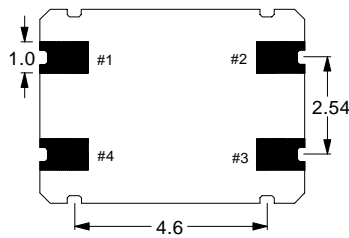
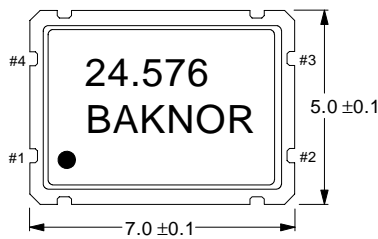


Low Profile Ceramic Surface Mount Crystal

- 1.3mm height
- 2 ground pads to minimize EMI
- Suitable for telecom and PCMCIA applications

ELECTRICAL SPECIFICATIONS

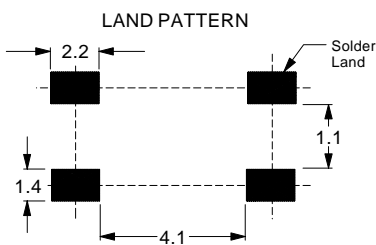
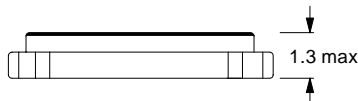
Frequency Range	9.2 to 80.0MHz	
Operating Temp. Range	0°C to +70°C (STD)	
Frequency Tolerance	@25°C	±10, ±15, ±20, ±30, ±50ppm
	Vs Temp. Range	±10, ±20, ±30, ±50, ±100ppm
Aging @25°C	±5ppm/year max.	
Load Capacitance	16pF, 20pF, 30pF	
Drive Level	.01 to 2000mW	
Shunt Capacitance	7.0pF max.	



CONNECTION
 #1 X-TAL
 #2 GND
 #3 X-TAL
 #4 GND

EQUIVALENT SERIES RESISTANCE & MODE

Frequency Range	ESR (Ω)	Mode
9.2 ~ 33.9 MHz	50 Ω max	Fundamental
34.0 ~ 80.0 MHz	80 Ω max	3rd Overtone



BQZ G 1 5 C 7 24M576 T

Load Capacitance: G = 20pF, 1 = 16pF, 5 = 30pF

Mode of Oscillation: 1 = Fundamental, 3 = 3rd Overtone

Frequency Tolerance: 1 = ±10ppm, 2 = ±15ppm, 3 = ±20ppm, 4 = ±30ppm, 5 = ±50ppm

Operating Temperature: A = -10 ~ +60°C, B = -20 ~ +60°C, C = 0 ~ +70°C, D = -10 ~ +70°C, E = -20 ~ +70°C

Frequency Stability: 3 = ±10ppm, 5 = ±20ppm, 6 = ±30ppm, 7 = ±50ppm, 8 = ±100ppm

Frequency: M = MHz

Packaging: Blank = Bulk, T = Tape & Reel