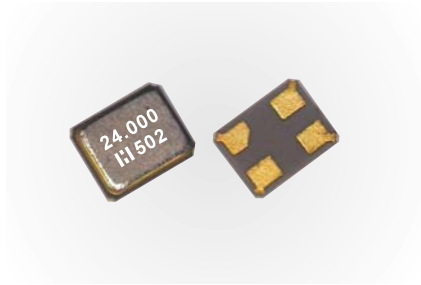


• ETAB Series 1.6*1.2 Seam Sealing Crystal



FEATURES

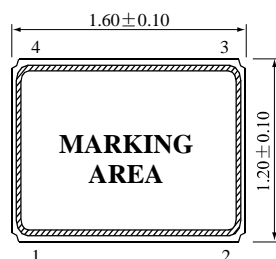
- Very compact and thin (1.6*1.2*0.37mm max.)
- Frequency range of 24 to 54M with Fund
- Ideal for Wearable device and Short-range Wireless module
- Lead-free. Meets the requirements for re-flow profiling using lead-free solder

Electrical Specifications

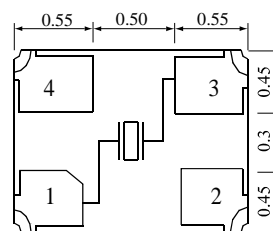
Item	Type	ETAB		
Frequency Range	F0	24 to 29.999MHz	30 to 39.999MHz	40 to 54.000MHz
Mode of Vibration		Fundamental		
Load Capacitance	CL	8 to 16pF		
Frequency Tolerance	$\Delta F/F_0$	$\pm 10\text{ppm}, \pm 30\text{ppm}, \pm 50\text{ppm}(\text{At } 25^\circ\text{C})$		
Equivalent Series Resistance	ESR	100 Ω max.	80 Ω max.	60 Ω max.
Temperature Stability	TC	$\pm 10\text{ppm}, \pm 15\text{ppm}, \pm 30\text{ppm}(\text{Refer to } 25^\circ\text{C})$		
Operating Temperature Range	T _{OPR}	-20~+70°C, -30~+85°C Option		
Storage Temperature Range	T _{STG}	-55~+125°C		
Shunt Capacitance	C0	3pF max.		
Insulator Resistance	IR	500M Ω min. (At 100V _{DC})		
Drive Level	DL	50 μ W (100 μ W max.)		
Aging	Fa	$\pm 2\text{ppm max. (At } 25^\circ\text{C, First year)}$		
Packing Unit		3000pcs/reel		

**Please contact us for inquiries regarding other Specifications

Mechanical Dimensions(mm)



Top View



Recommended Solder Pattern

