• E2SB Series 2.5*2.0 Seam Sealing Crystal



FEATURES

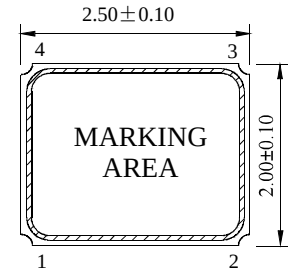
- Very Compact and thin (2.5*2.0*0.65mm max.)
- Frequency range of 12M to 62.5M with Fund
- Excellent electrical performance, ideal for OA (office automation), AV (audiovisual), Bluetooth and Wireless LAN applications
- Excellent heat resistance and shock resistance
- Lead-free. Meets the requirements for re-flow profiling using lead -free solder

Electrical Specifications

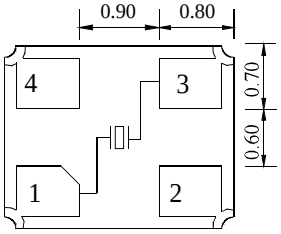
Item / Type		E2SB			
Frequency Range	F0	12 to 15.999MHz	16 to 19.999MHz	20 to 25.999MHz	26 to 62.500MHz
Mode of Vibration		Fundamental			
Load Capacitance	CL	8 to 16pF			
Frequency Tolerance	△F/ F0	±10ppm, ±15ppm, ±30ppm(At 25℃)			
Equivalent Series Resistance	ESR	120Ω max.	100Ω max.	80Ω max.	50Ω max.
Temperature Stability	TC	±10ppm, ±15ppm, ±30ppm(Refer to 25℃)			
Operating Temperature Range	T_{OPR}	-20~+70℃, -30~+85℃ Option			
Storage Temperature Range	T_{STG}	−55~+125℃			
Shunt Capacitance	C0	3pF max.			
Insulator Resistance	IR	500MΩ min. (At 100V_{DC})			
Drive Level	DL	50μW(100μW max.)			
Aging	Fa	±2ppm max. (At 25℃, First year)			
Packing Unit		3000pcs/reel			

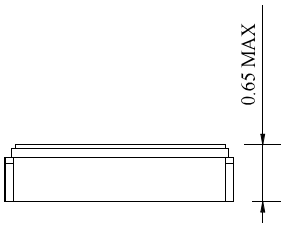
***Please contact us for inquiries regarding other Specifications*

Mechanical Dimensions(mm)



Top View





Recommended Solder Pattern

