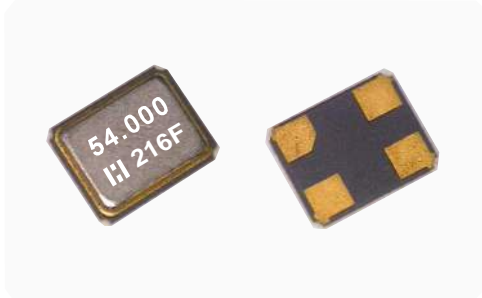


• E3SB Series

3225 Seam Sealing Crystal



FEATURES

- Compact and thin (3.2X2.5X0.75mm.)
- 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	E3SB				
		8.0 to 9.999MHz	10 to 19.99MHz	20 to 23.999MHz	24 to 62.500MHz	60 to 114.285MHz
Frequency Range	F0	8.0 to 9.999MHz	10 to 19.99MHz	20 to 23.999MHz	24 to 62.500MHz	60 to 114.285MHz
Mode of Vibration		Fundamental				3RD
Load Capacitance	CL	6 to 20pF				
Frequency Tolerance	△ F/ F0	± 10ppm, ± 15ppm, ± 30ppm(At 25°C)				
Equivalent Series Resistance	ESR	500 Ω max.	150 Ω max.	70 Ω max.	50 Ω max.	100 Ω max.
Temperature Stability	TC	± 30ppm(Refer to 25°C)	± 10ppm, ± 15ppm, ± 30ppm(Refer to 25°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 100VDC)				
Drive Level	DL	100μW(200μW max.)				
Aging	Fa	± 2ppm max. (At 25°C, First year)				
Packing Unit		3000pcs/reel				

**Please contact us for inquiries regarding other Specifications

Mechanical Dimensions(mm)

