Hosonic

SMD Seam Sealing Crystals

E2SB Series 2.5×2.0×0.65mm



Features

- SMD package
- High precision and good stability of frequency performance
- Excellent environmental reliability

Applications

- Wireless communication device
- Security equipment
- IP camera
- Industry

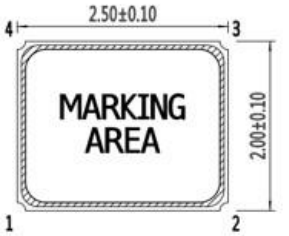
Electrical Specifications

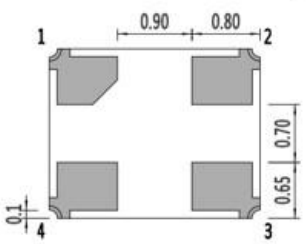
Item	Symbol	Condition	E2SB
Frequency Range	f_{nom}	-	12 ~ 62.5MHz
Mode of Vibration	-	-	Fundamental
Load Capacitance	CL	-	6 ~ 18pF, or specify
Frequency Tolerance (at 25℃)	f_{tol}	-	±10ppm, or specify
Equivalent Series Resistance	ESR	12.0 ~ 12.9MHz	120Ω max.
		13.0 ~ 19.9MHz	100Ω max.
		20.0 ~ 25.9MHz	80Ω max.
		26.0 ~ 62.5MHz	50Ω max.
Temperature Stability	f_{temp}	Refer to 25℃	±15ppm, or specify
Operating Temperature Range	T_{opr}	-	-30 ~ +85℃, or specify
Storage Temperature Range	T_{stg}	-	-40 ~ +85℃
Shunt Capacitance	C_0	-	3pF max.
Insulator Resistance (at DC 100V)	IR	-	500MΩ min.
Drive Level	DL	-	1 ~ 100μW (50μW typ.)
Aging (at 25℃)	Fa	-	±3ppm / year max.

**Please contact us for inquiries regarding other Specifications.

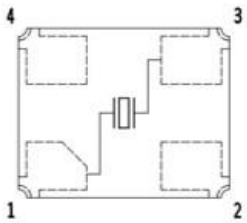
Mechanical Dimensions

Unit: (mm)





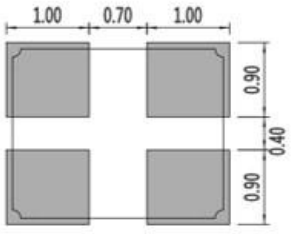
Pin Connection
(Top View)



Pin	Function
1, 3	Crystal
2, 4	GND

Note: #2 & #4 are connected to Lid.

Recommended PAD Layout



深圳市满度科技有限公司
Web:www.manduic.com
Tel:150-1290-5940
Email:sales@manduic.com

微信扫码咨询客服