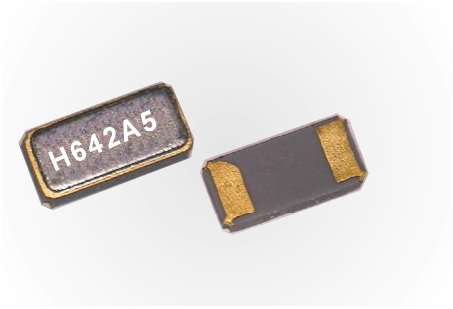
• ETST Series 3.2*1.5 32.768KHz Crystal



The SMD type quarta crystal provides ultimate in size, performance, and economic trade-offs. So it is used as a clock source in communication equipment, measuring instrument, microprocessor and other time management application.

FEATURES

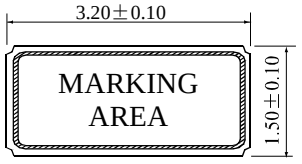
- Miniature Package
- Low resistance
- 32.768KHz Frequency
- Tight Tolerance
- Size option

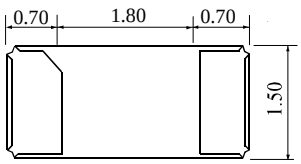
Electrical Specifications

Item	Type	ETST
Frequency Range	F0	32.768KHz
Load Capacitance	CL	12.5pF(7.0pF, 9.0pF Option)
Frequency Tolerance	△F/ F0	±20ppm(At 25℃)
Equivalent Series Resistance	ESR	70KΩ Max.
Temperature Cofficient	K	-0.034±0.006ppm*(△℃)^2
Turnover Temperature	T_0	25±5℃
Operating Temperature Range	T_{OPR}	-40~+85℃
Storage Temperature Range	T_{STG}	-55~+125℃
Shunt Capacitance	C0	2.0pF Max.
Insulator Resistance	IR	500MΩ min. (At 100V_{DC})
Drive Level	DL	1μW Max.
Aging	Fa	±5ppm max. (At 25℃,First year)
Packing Unit		3000pcs/reel

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

Mechanical Dimensions(mm)





Recommended Solder Pattern