

TUNING FORK QUARTZ CRYSTAL UNITS A Hosonic



• ETDG Series

2.0*1.2 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

Electrical Specifications

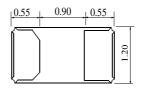
Item	Type	ETDG
Frequency Range	F0	32.768KHz
Load Capacitance	CL	12.5pF(7.0pF, 9.0pF Option)
Frequency Tolerance	△F/ F0	±20ppm(At 25°C)
Equivalent Series Resistance	ESR	80KΩ Max.
Temperature Cofficient	K	-0.035ppm*(△°C)² ±10%
Turnover Temperature	To	25±5℃
Operating Temperature Range	Topr	-40~+85°C
Storage Temperature Range	Tstg	- 55~+125℃
Shunt Capacitance	C0	2.0pF Max.
Insulator Resistance	IR	500MΩ min. (At 100VDC)
Drive Level	DL	0.5μW Max.
Aging	Fa	±3ppm max. (At 25°C, First year)
Packing Unit		3000pcs/reel

^{**}Please contact us for inquiries regarding other Specifications

Mechanical Dimensions(mm)

 2.05 ± 0.10





Recommended Solder Pattern

