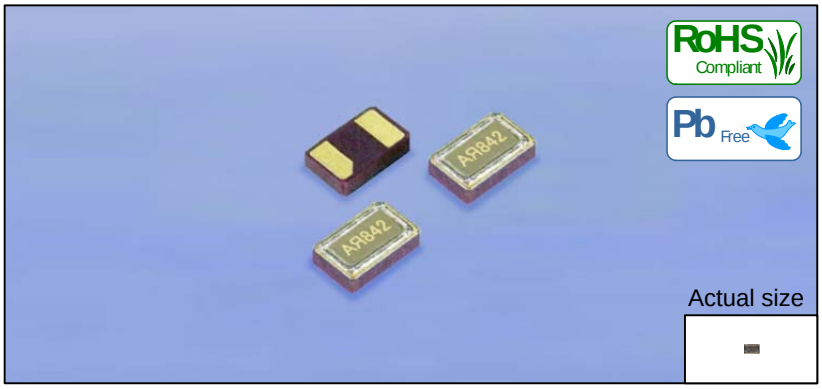
SURFACE MOUNT CRYSTAL TFX-03

NEW PRODUCTS!



Features

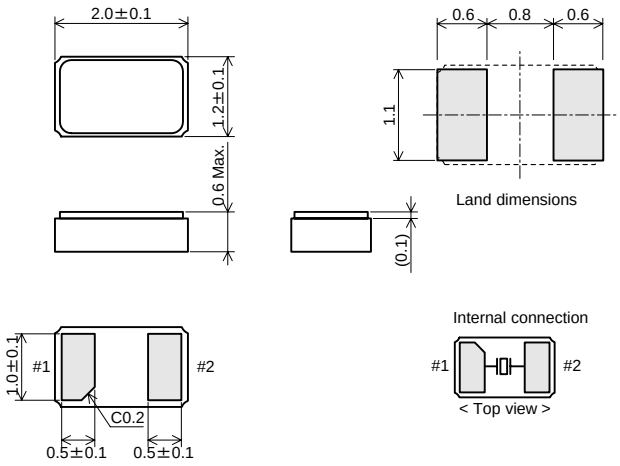
- Compact design (2.0mm×1.2mm×0.6mm Max., Weight 5.0mg).
- Ceramic package and metal lid assures extreme accuracy and high reliability by electron beam sealing.
- Lead-free soldering is available.
- Applications: Notebook PC, DSC, DVC, Mobile phone

Specifications

Item	Standard specifications
Nominal frequency(kHz)	32.768
Frequency tolerance(ppm) (at 25°C)	±10, ±20, ±30, ±50, ±100
Storage temperature range(°C)	−55 to +125
Operating temperature range(°C)	−40 to +85
Turnover temperature(°C)	25±5
Parabolic coefficient(/°C^2)	$-0.03\pm0.01\times10^{-6}$
Motional resistance(ESR)(kΩ)	90 Max.
Motional capacitance(fF)	7.0 Typ.
Level of drive(μW)	0.5 Max.
Load capacitance(pF)	9.0, 12.5

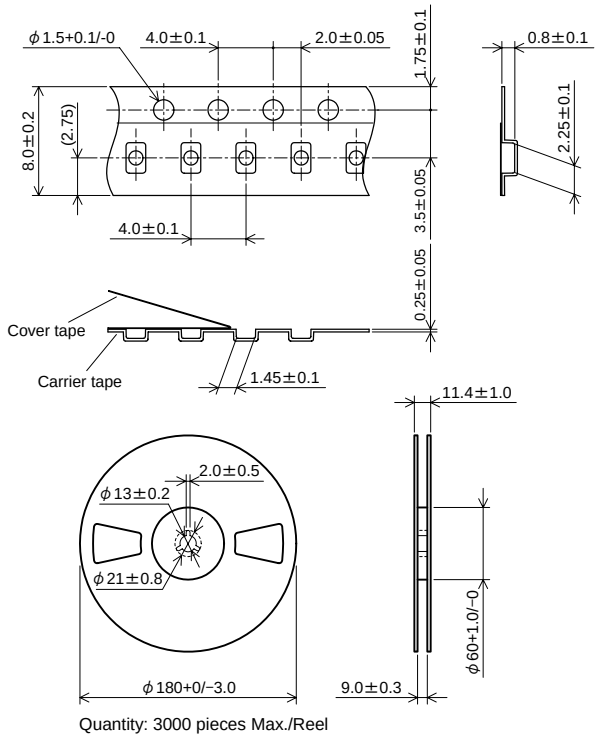
Dimensions

Unit:mm



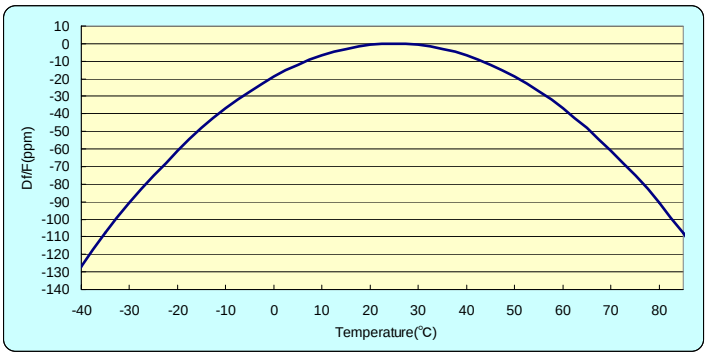
Taping

Unit:mm



Quantity: 3000 pieces Max./Reel

An example of frequency vs temperature characteristic



- Please consult us for customized specifications.
- All specifications and markings subjected to change without notice.

RIVER ELETEC CORPORATION
URL http://www.river-ele.co.jp

Head Office	2-1-1 Fujimigaoka Nirasaki Yamanashi Japan Phone 81-551-22-1211 Fax 81-551-22-6645	River Electronics(Singapore)Pte.Ltd	Phone 65-6258-7874	Fax 65-6258-7366
		Taiwan River Co.,Ltd.	Phone 886-2-8988-2811	Fax 886-2-2983-4785
Tokyo Office	4-40-14 Nishishinjuku Shinjuku-ku Tokyo Japan Phone 81-3-3377-5444 Fax 81-3-3374-2865	Xi'an River Electronics Corporation	Phone 86-29-88697274	Fax 86-29-88635134
Osaka Office	Phone 81-6-6998-4888 Fax 81-6-6998-4899			