

# Crystal tci TF4115

- Feature**
- . Ultra thin package 0.7mm Max height
  - . excellent performance on wnvvironmental capability  
environmental capability
  - . designed for reflow soldering
  - . Good for high density mounting small and thin equipments

## Specifications

Frequency	32.768KHZ
Operating Temperature Range	-20 ~+70 , -40 ~+85
Recommended DL	1.0 $\mu$ W max
Frequency Tolerance	$\pm$ 20ppm / $\pm$ 50ppm
Turnover Temp.	$\pm$ 25 $\pm$ 5
Frequency vs. Temp	-0.035 $\pm$ 0.008ppm/ 2
Load Capacitance	12.5pF
Series Resistance	65K /100 V
Sraticsc Capacitance	1.1pF TYP
Insulating Resistance	500M /100 V
Aging	$\pm$ 3ppm/Year

## Marking and Dimensions(mm)

