

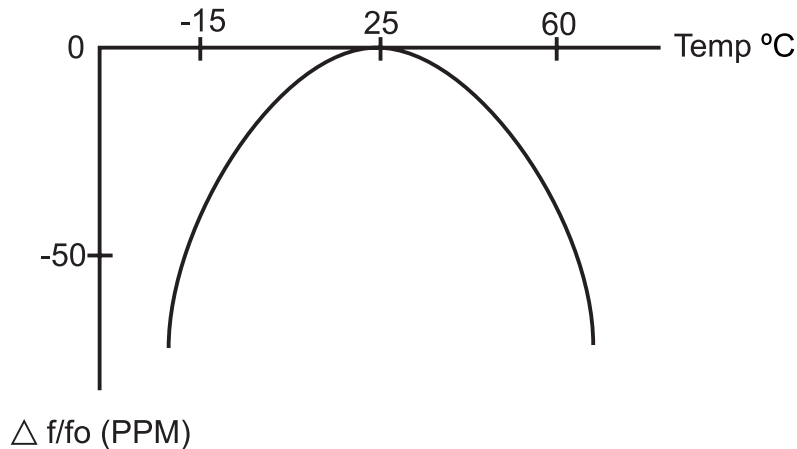
RoHS Compliant  
Lead (Pb) Free

Ltr	Revisions	Date	Appr

**Electrical Specifications:**

Output Frequency	32.768	KHz
Frequency Tolerance at 25° C	±20	PPM
Aging	±3 (first year)	
Turnover Temperature	25 ±5	
Temperature Coefficient	-0.034 PPM/ °C <sup>2</sup>	° C
Temperature Range (Operating)	-40 to +85	
Temperature Range (Storage)	-55 to +125	
Equivalent Series Resistance	50	K Ohm Max
Load Capacitance	12.5	pF
Sunt Capacitance	1.0	pF Typ
Motional Capacitance	2.5	fF Typ
Drive Level	1.0	uW Max
Solder Reflow Conditions	See Reflow Profile	-
Insulation Resistance	500	M Ohm Min
Quality Factor	80000	Typ
Capacitance Ratio	400	
Resistance to Shock	±5 PPM maximum offset from 75 cm drop test in all axes on to a hard surface.	-

**Frequency-Temperature Characteristics:**



11-3 Chien-Kuo Rd T.E.P.Z. 4027 Taiwan, ROC

All dimensions are millimeters.

CAD: TCR

Review: EG

Appr: JL

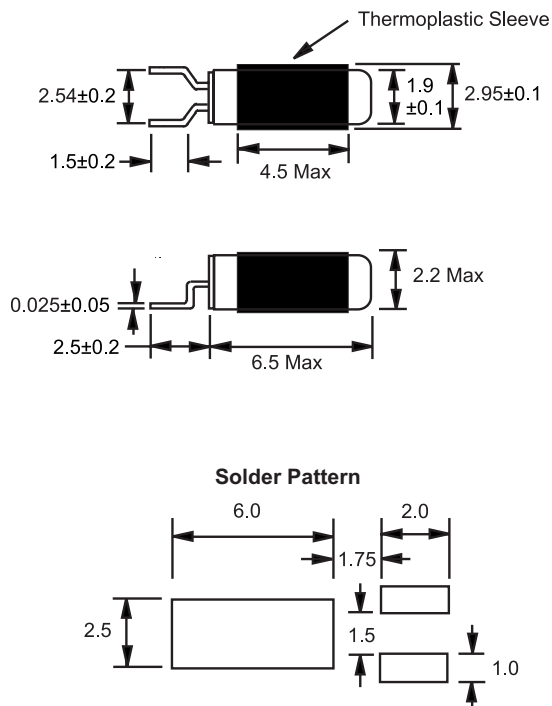
Page: 1/2 | Date: May 8, 2006

**Specification Title:**

**Quartz Crystal-Tuning Fork  
Surface Mount - Formed Leads with Jacket  
2 x 6 mm Cylindrical Package  
General Product Specification**

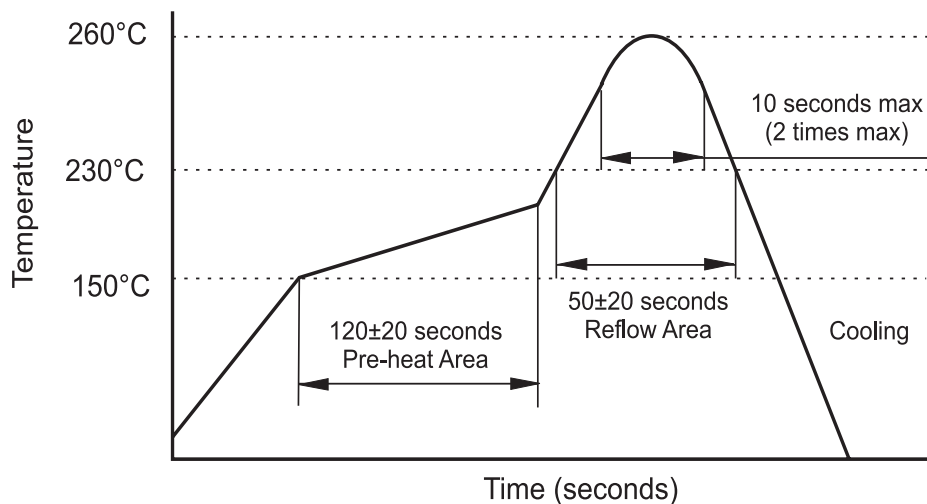
**Part Number: CT26S-32.768-12.5-20-R**

## Mechanical Outline:



Dimensions are millimeters.

## Solder Reflow Characteristics:



### Notes:

- 1- Manual or Hand soldering is 350 °C Max for 3 seconds
- 2- Product is shipped in Tape and Reel configuration. Each reel contains 3000 pieces. Partial Reels of 1K and 2K pieces are available.
- 3- Quantities less than 1000 are shipped bulk in ESD pouches.
- 5- RoHS Compliant.
- 6- Lead (Pb) Free.
- 7- Specifications are subject change without notice.