

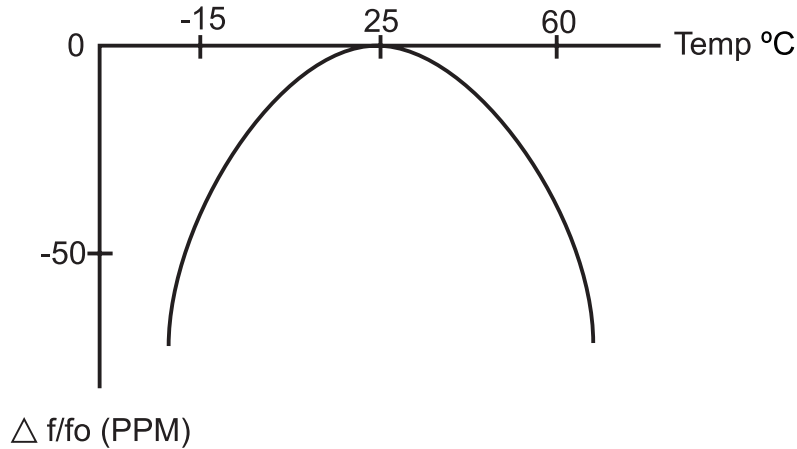
RoHS Compliant
Lead (Pb) Free

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	° C
Temperature Coefficient	-0.034 PPM/ °C ²	
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:



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All dimensions are millimeters.

CAD: TCR

Review: EG

Appr: JL

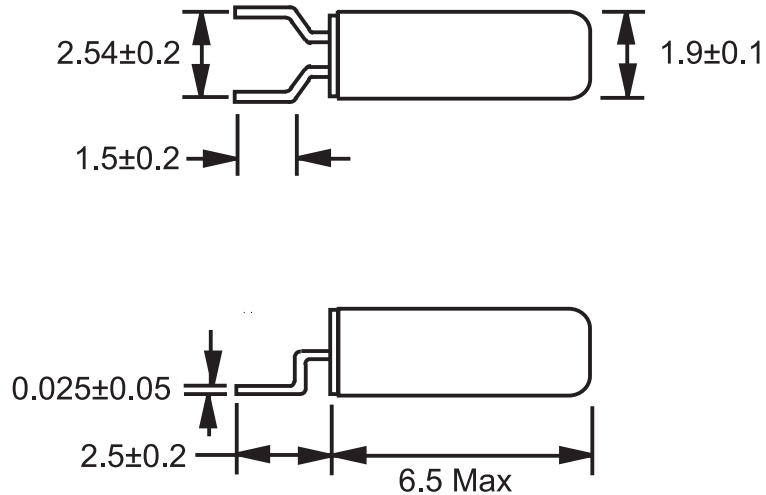
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Specification Title:

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

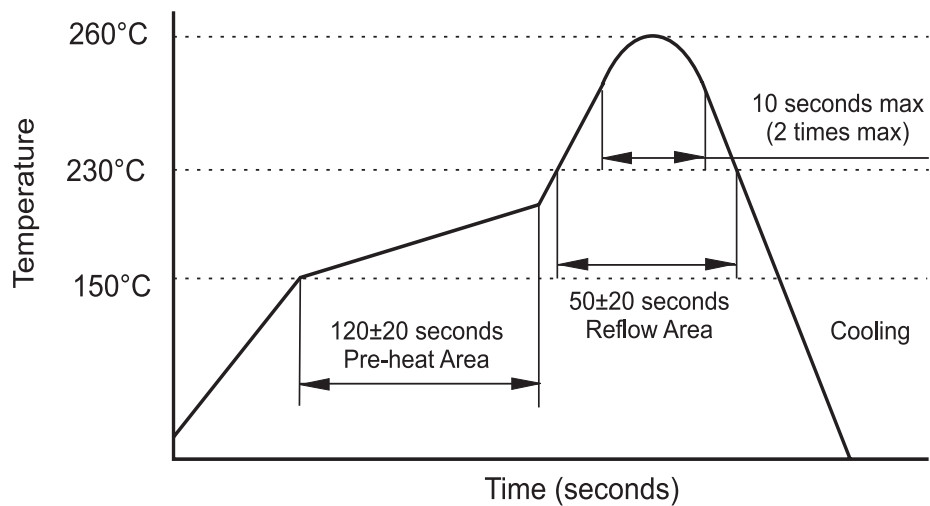
Part Number: **CT26F-32.768-12.5-20-R**

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.
- 4- Specifications are subject change without notice.