

2 Pad Ceramic Base SMD Crystal, 2.0 mm x 1.2 mm

IL3T Series

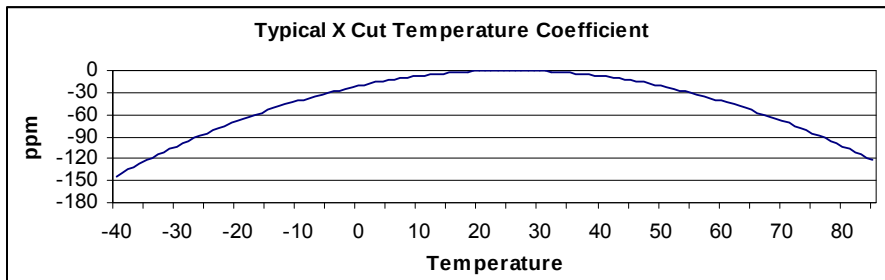
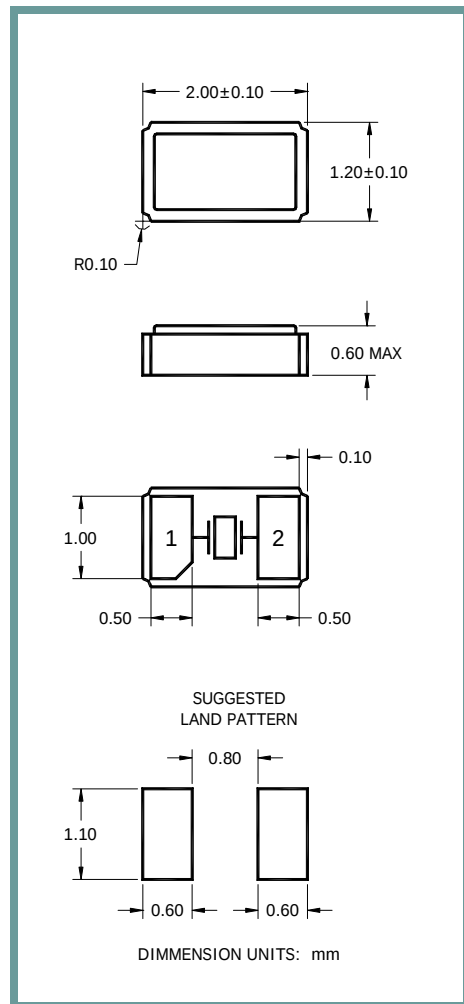
Product Features:

Low Cost SMD Package
RoHS Compliant
Compatible with Leadfree Processing
Ultra Low Profile

Applications:

Real Time Clocks
Metering
Industrial Control
Time Reference

Frequency	32.768 KHz
ESR (Equivalent Series Resistance)	Less than 90 kΩ
Shunt Capacitance (C0)	1.3 pF Typ.
Motional Capacitance (C1)	6.5 fF Typ.
Frequency Tolerance @ 25° C ±5°C	±20 ppm Standard
Frequency Stability over Temperature	Parabolic -0.034 ppm / ° C ² Typ. Turnover point +25° ±5°C See Graph Below
Crystal Cut	X-Cut
Load Capacitance	12.5 pF Standard
Drive Level	0.1 μW Typ., 0.5 μW Max.
Aging	±5 ppm Max. / Year Standard
Temperature	
Operating	-40° C to +85° C Standard
Storage	-55° C to +125° C Standard



Part Number Guide		Sample Part Number: IL3T - HX5F12.5 - 32.768 KHz				
Package	Stability (ppm) at Room Temperature	Stability (ppm) over Operating Temperature	Operating Temperature Range	Mode (overtone)	Load Capacitance (pF)	Frequency
IL3T -	H = ±20 ppm	X = X Cut	5 = -40°C to +85°C	F = Fundamental	12.5 pF Standard	- 32.768 KHz

