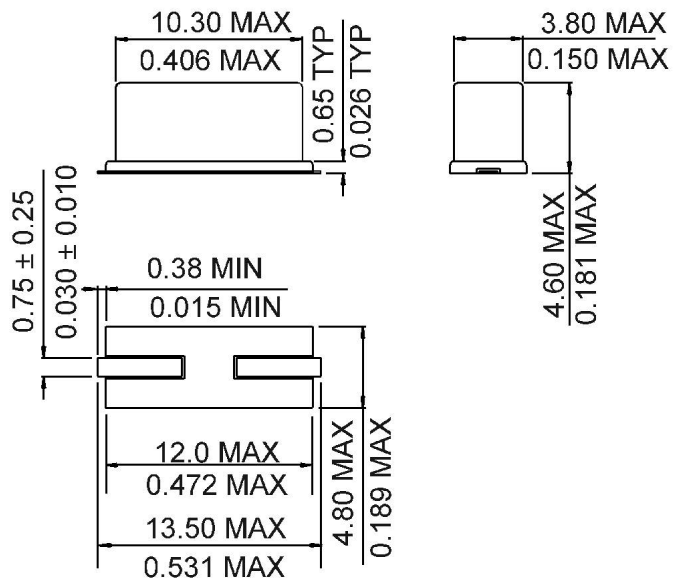


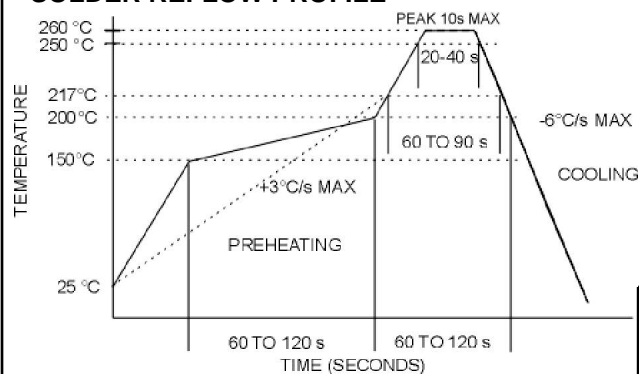
REVISIONS			
LTR		DATE	APPROVED
A	INITIAL RELEASE	5/11/06	



SPECIFICATIONS:

NOMINAL FREQUENCY:	20.000 MHz
MODE OF OSCILLATION:	FUNDAMENTAL
FREQUENCY TOLERANCE AT 25°C:	±30 PPM MAX
FREQUENCY STABILITY OVER TEMPERATURE RANGE:	±50 PPM MAX
OPERATING TEMPERATURE RANGE:	-20°C TO +70°C
STORAGE TEMPERATURE RANGE:	-55°C TO +125°C
AGING:	±5 PPM PER YEAR MAX
LOAD CAPACITANCE:	18 pF
DRIVE LEVEL:	100 µW TYP, 1000 µW MAX
SHUNT CAPACITANCE:	6 pF MAX
EQUIVALENT SERIES RESISTANCE:	50 OHMS MAX
PACKAGING:	TAPE AND REEL
HOLDER TYPE:	HC-49/S SMD AS SHOWN

SOLDER REFLOW PROFILE



CAGE CODE:
Ø VUE Ø

RALTRON
10651 NW 19TH STREET
MIAMI, FL 33172

ALL DIMENSIONS ARE IN mm/inch
UNLESS OTHERWISE SPECIFIED

DRAWN BY: Part Generator
CHECKED BY:
APPROVED BY:
SCALE: SHEET 1 OF DATE:

DRAWING TITLE: **ROHS COMPLIANT/LEAD FREE**

**LOW PROFILE MICROPROCESSOR
CRYSTAL**
INTEL A93545-001-G

DRAWING NUMBER:
AS-20.000-18-SMD-TR