

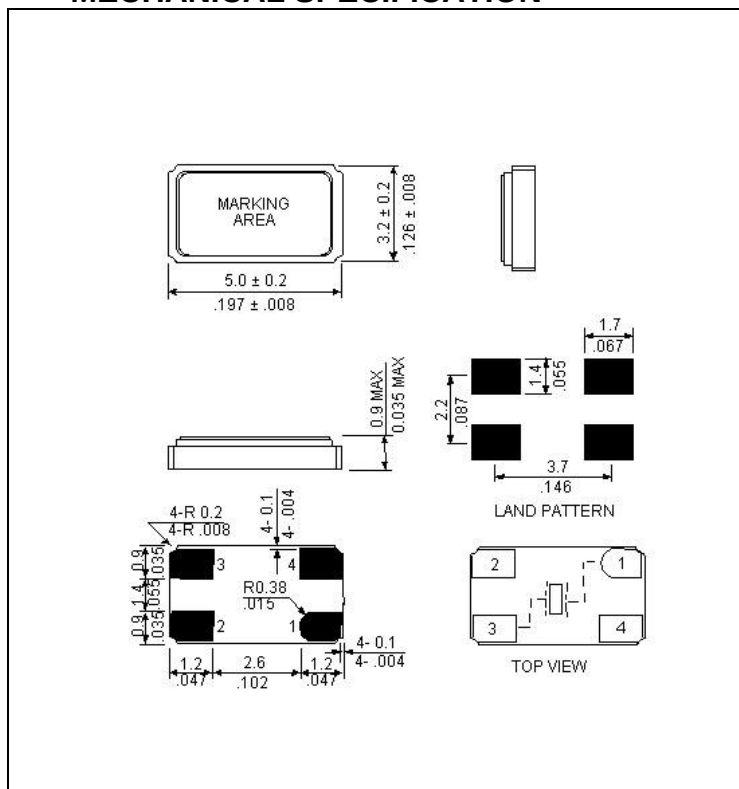
● SPECIFICATIONS

PARAMETER	VALUE
NOMINAL FREQUENCY	26.000 MHz
MODE OF OSCILLATION	Fundamental
FREQUENCY TOLERANCE AT 25°C	±10 ppm max
FREQUENCY STABILITY OVER TEMPERATURE	±10 ppm max
OPERATING TEMPERATURE RANGE	-20°C to +70°C
STORAGE TEMPERATURE RANGE	-40°C to +90°C
AGING	±1 ppm per year max
LOAD CAPACITANCE	10 pF
EQUIVALENT SERIES RESISTANCE	40 Ω max
SHUNT CAPACITANCE	7 pF max
DRIVE LEVEL	100 μW TYP, 500 μW max
SHOCK RESISTANCE	±5 ppm max 75cm drop test in 3 axes onto a hard wood surface

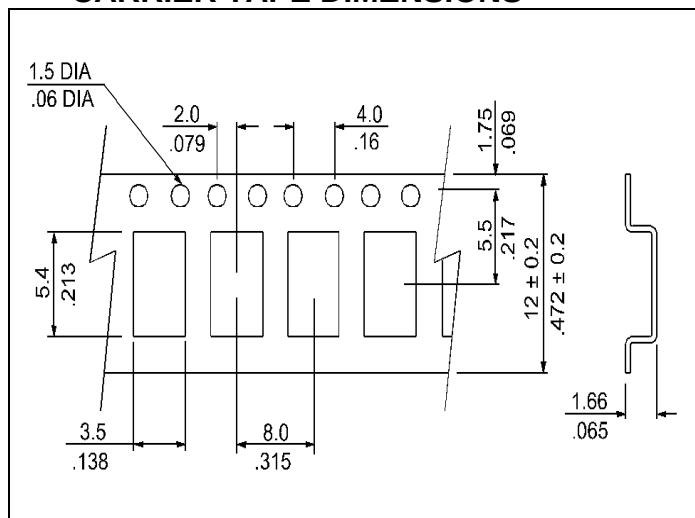


Photo is not actual part

● MECHANICAL SPECIFICATION



● CARRIER TAPE DIMENSIONS

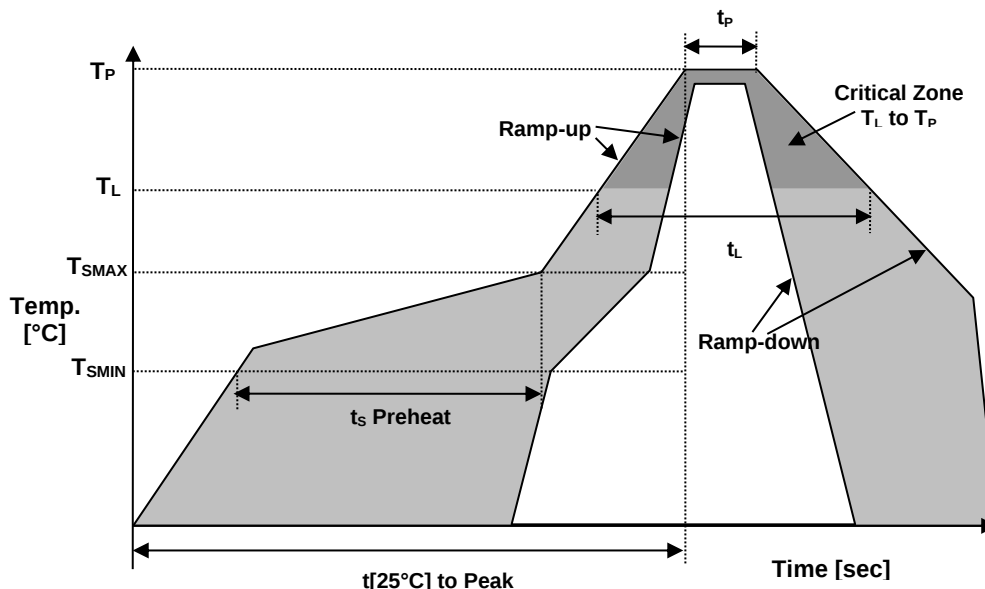


NOTE: REFER TO EIA-481 FOR DIMENSIONS

● PACKAGING

178 mm REEL DIAMETER
12 mm TAPE WIDTH, 9 mm PITCH
QUANTITY: 3000 PIECES PER REEL
IN ACCORDANCE WITH EIA-481

REFLOW PROFILE



Reflow profile		
Temperature Min Preheat	T_{SMIN}	125°C
Temperature Max Preheat	T_{SMAX}	150°C
Time (T_{SMIN} to T_{SMAX})	t_s	30-60 sec.
Temperature	T_L	217°C
Peak Temperature	T_P	260°C
Ramp-up rate	R_{UP}	3°C/sec max.
Ramp-down rate	R_{DOWN}	6°C/sec max.
Time within 5°C of Peak Temperature	t_P	10 sec.
Time $t[25^\circ\text{C}]$ to Peak Temperature	$t[25^\circ\text{C}]$ to Peak	120 sec.
Time	t_L	60-150 sec.

ENVIRONMENTAL

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
RoHS	COMPLIANT
REACH SVHC	COMPLIANT
HALOGEN-FREE	COMPLIANT
ESD CLASSIFICATION LEVEL	N/A
TERMINATION FINISH	Au





A **RAMI TECHNOLOGY** Company

SURFACE MOUNT MICROPROCESSOR CRYSTAL

Page 3 of 4

H130B-26.000-10-F-1010-TR

● MARKING

R26.000

xxKEyw

x – Internal Production ID code

y – Year code

w – Week code

YEAR CODE	
Year	Code
2011	1
2012	2
2013	3
2014	4
2015	5
2016	6
2017	7
2018	8
2019	9

ALPHA WEEK CODE TABLE					
Week	Code	Week	Code	Week	Code
1	a	19	s	37	K
2	b	20	t	38	L
3	c	21	u	39	M
4	d	22	v	40	N
5	e	23	w	41	O
6	f	24	x	42	P
7	g	25	y	43	Q
8	h	26	z	44	R
9	i	27	A	45	S
10	j	28	B	46	T
11	k	29	C	47	U
12	l	30	D	48	V
13	m	31	E	49	W
14	n	32	F	50	X
15	o	33	G	51	Y
16	p	34	H	52	Z
17	q	35	I		
18	r	36	J		

● APPROVAL

RALTRON	
DRAWN BY:	KJackson, May 18, 2016
APPROVED BY:	KJackson, May 18, 2016
REVISION:	A, Initial Release
	B, Updated the Current Revision Levels AR, June 03, 2020

Raltron Electronics/RAMI Technology USA, LLC, including its affiliates, employees, agents and other persons acting on its behalf (collectively Raltron/RAMI Tech), disclaim any and all liability for any errors or inaccuracies contained in this data sheet. While Raltron/RAMI Tech has made every reasonable effort to ensure the accuracy of all product information, specifications and data contained herein, Raltron/RAMI Tech does not guarantee that the information is accurate.

RALTRON ELECTRONICS ■ 10400 N.W. 33rd STREET ■ Miami, Florida 33172 ■ U.S.A.
Telephone: 305-593-6033 ■ Fax: 305-594-3973 ■ e-mail: sales@raltron.com ■ web site: <http://www.raltron.com>



A **RAMI TECHNOLOGY** Company

SURFACE MOUNT MICROPROCESSOR CRYSTAL

Page 4 of 4

H130B-26.000-10-F-1010-TR

reliable or current. The product information is provided for reference purposes only and is subject to change, correction or revision, at any time without notice. Raltron/RAMI Tech does not assume any liability arising out of an application or use of any product described herein and disclaims any warranties expressed or implied. The user of products in such applications shall assume all risks of such use and will agree to hold Raltron/RAMI Tech, harmless against all damages.