

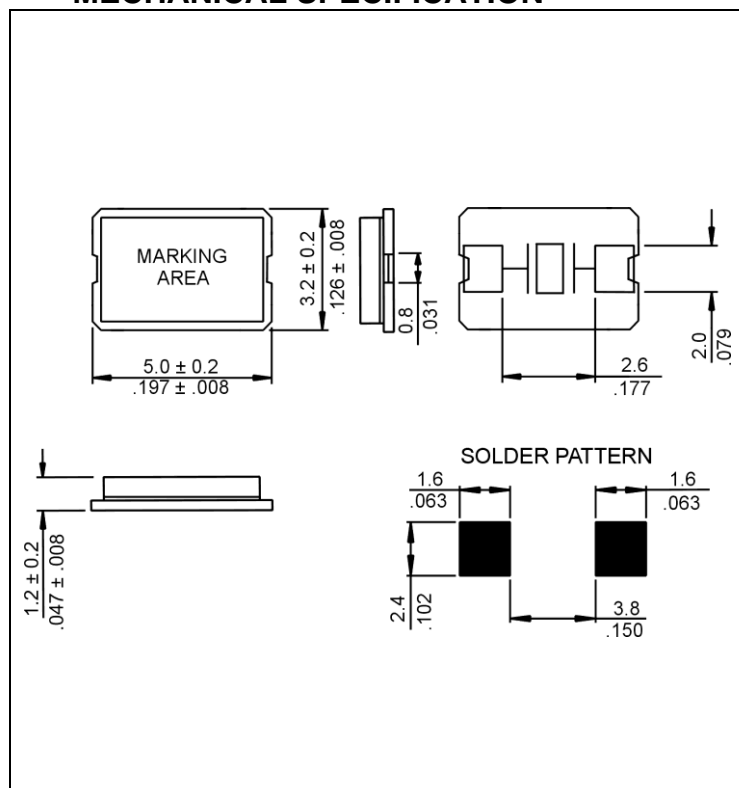
#### ● SPECIFICATIONS

PARAMETER	VALUE
NOMINAL FREQUENCY	25.000 MHz
MODE OF OSCILLATION	FUNDAMENTAL
FREQUENCY TOLERANCE AT 25°C	±10 PPM MAXIMUM
FREQUENCY STABILITY OVER TEMPERATURE	±17 PPM MAXIMUM
OPERATING TEMPERATURE RANGE	-20°C TO +70°C
STORAGE TEMPERATURE RANGE	-40°C TO +85°C
AGING	±5 PPM PER YEAR MAXIMUM
LOAD CAPACITANCE	18 pF
EQUIVALENT SERIES RESISTANCE	40 Ω MAXIMUM
SHUNT CAPACITANCE	7 pF MAXIMUM
DRIVE LEVEL	300 μW MAXIMUM

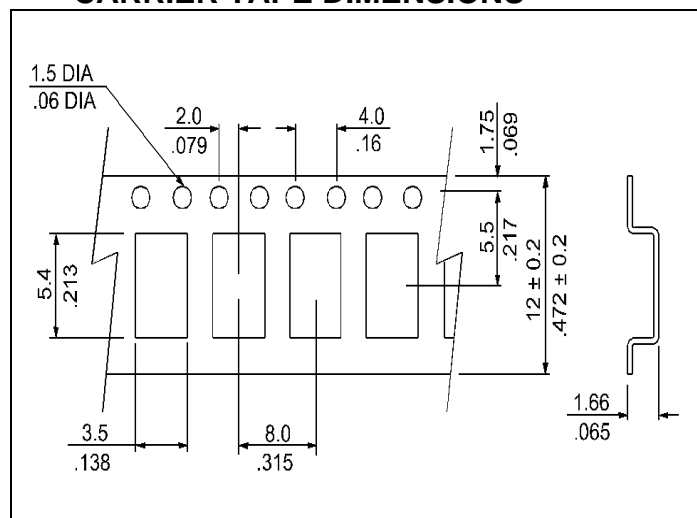


Photo is not actual part

#### ● MECHANICAL SPECIFICATION



#### ● CARRIER TAPE DIMENSIONS

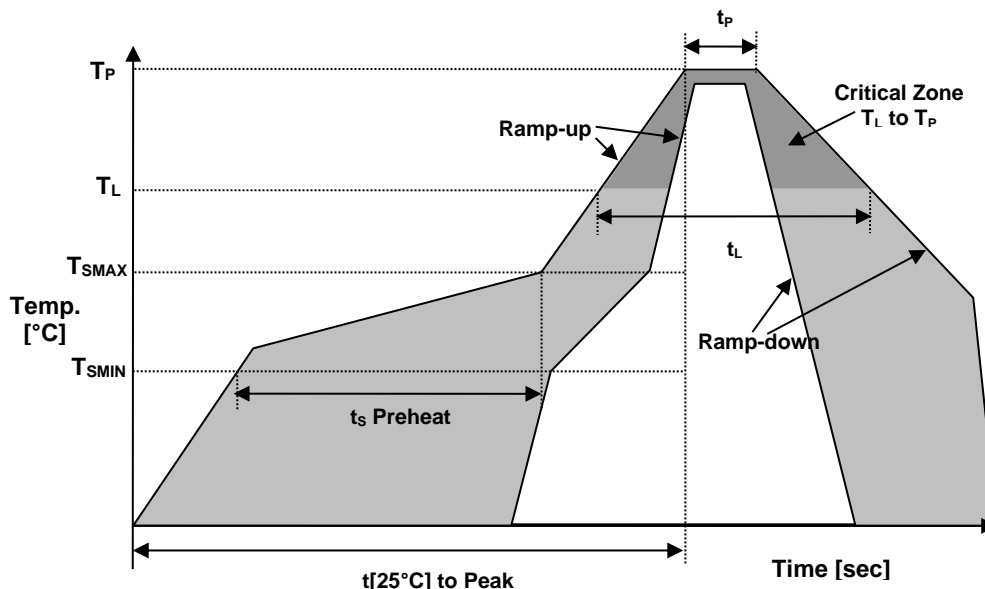


NOTE: REFER TO EIA-481 FOR DIMENSIONS

#### ● PACKAGING

178 mm REEL DIAMETER  
12mm TAPE WIDTH, 8 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 $T_{SMAX}$ )	$t_s$	60-180 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 $t_{[25^{\circ}C]}$ to Peak Temperature	$t_{[25^{\circ}C] \text{ to Peak}}$	480 sec.
Time	$t_L$	60-150 sec.

## ENVIRONMENTAL

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
RoHS-2	6/6 COMPLIANT & LEAD FREE
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 3

**H130A-25.000-18-F-1017-TR**

### ● MARKING

R25.00

xxBEyw

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, October 25, 2016
APPROVED BY:	KJackson, October 25, 2016
REVISION:	A, Initial Release

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, 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.