RH100-25.000-10-F-1010-EXT-TR

SPECIFICATIONS

PARAMETER	VALUE
FREQUENCY RANGE	25.000 MHz
MODE OF OSCILLATION	FUNDAMENTAL
FREQUENCY TOLERANCE AT 25°C	±10 PPM MAXIMUM
FREQUENCY STABILITY OVER TEMPERATURE	±10 PPM MAXIMUM
OPERATING TEMPERATURE RANGE	-40°C TO +85°C STANDARD
STORAGE TEMPERATURE RANGE	-40°C TO +85°C
AGING	±5 PPM PER YEAR MAXIMUM
LOAD CAPACITANCE	10 pF
EQUIVALENT SERIES RESISTANCE	100 Ω
SHUNT CAPACITANCE	5 pF MAXIMUM
DRIVE LEVEL	500 µW MAXIMUM

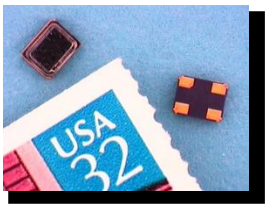
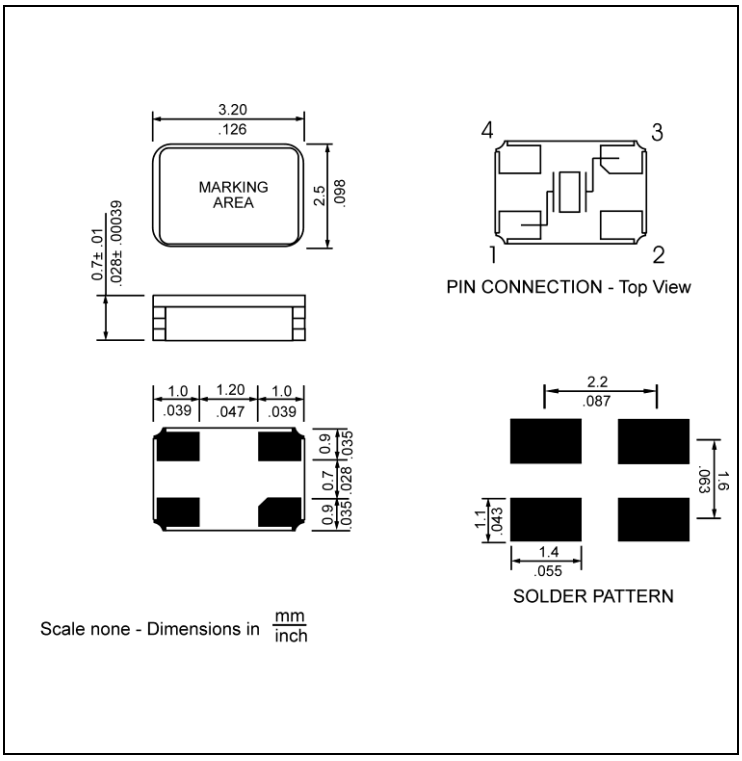
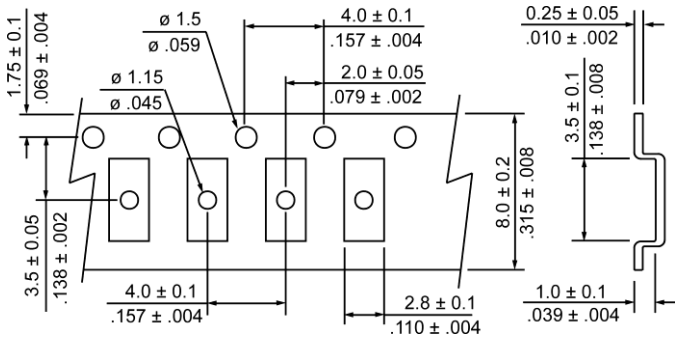


Photo is not actual part

MECHANICAL SPECIFICATION



CARRIER TAPE DIMENSIONS



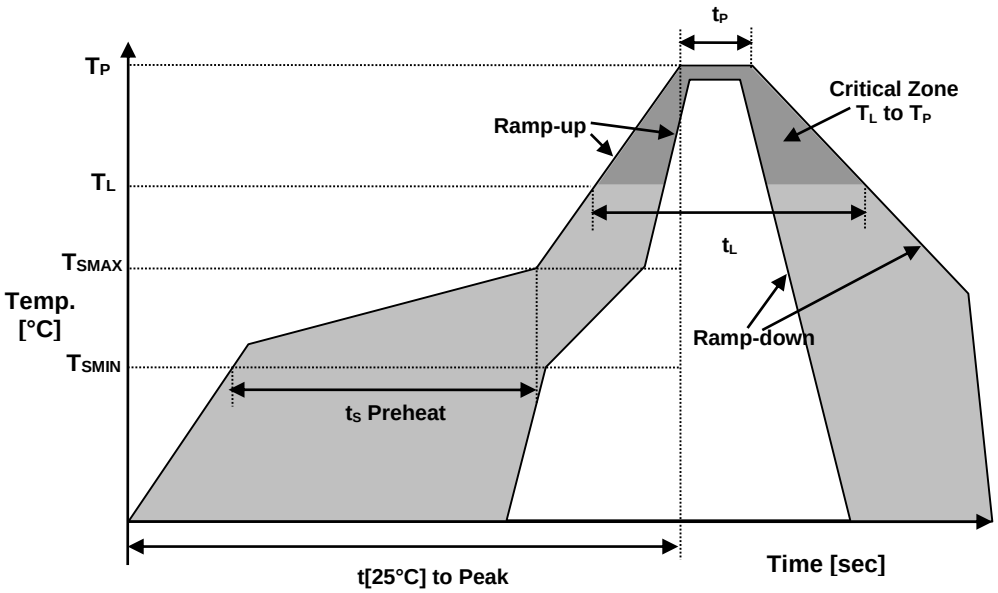
NOTE: REFER TO EIA-481 FOR DIMENSIONS

PACKAGING

178 mm REEL DIAMETER
8 mm TAPE WIDTH, 4 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	230°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°C] to Peak Temperature	t[25°C] to Peak	120 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

MARKING

R25.00
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

DRAWN BY	KJackson, July 1, 2014
APPROVED BY	KJackson, July 1, 2014
REVISION	A, Initial Release

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Raltron Electronics:

RH100-40.000-10-F-2020-EXT-TR RH100-40.000-18-F-2030-EXT-TR-NS1 RH100-48.000-10-F-1015-EXT-TR
AS-27.000-20-F CO4305-10.000-EXT-T-TR H130A-8.000-8-2030-TR H130A-24.000-18-2030-EXT-TR
AS-10.000-18-SMD AS-14.7456-20-SMD-TR AS-20.000-20-SMD-TR AS-24.000-18 AS-8.000-18
H130B-16.000-18-3030-EXT-TR RH100-48.000-8-F-1015-EXT-TR CL2520-156.250-1.8-20-X-T-TR-N1
CO4605-125.000-EXT-T-TR H130B-12.000-18-3030-TR TT-SMDC-3.6864-S-TR AS-20.000-20
CO4305-20.000-EXT-T-TR R2016-48.000-7-F-1020-TR-NS1 RH100-16.000-16-5050-TR
RH100-20.000-18-2020-TR RTXE-104ED333-C-12.800-TR H130A-25.000-18-F-2030-EXT-TR
R2520-16.384-10-2030-EXT-TR-NS1 RH100-12.000-18-2020-TR AS-3.6864-18-SMD
RH100-16.384-16-2020-EXT-TR-NS1 CO4605-66.000-EXT-T-TR