**H130B-40.000-18-F-1015-EXT-TR**

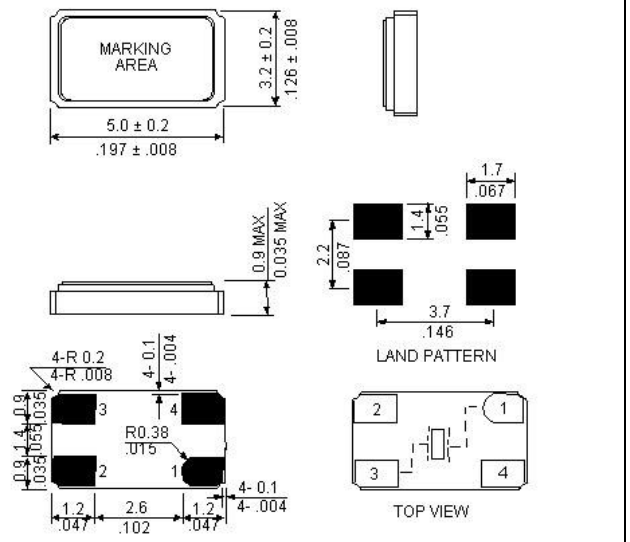
## SPECIFICATIONS

| PARAMETER | VALUE |
|---|---|
| NOMINAL FREQUENCY | 40.000 MHz |
| MODE OF OSCILLATION | Fundamental |
| FREQUENCY TOLERANCE AT 25°C | ±10 ppm max |
| FREQUENCY STABILITY OVER TEMPERATURE | ±15 ppm max |
| OPERATING TEMPERATURE RANGE | -40°C to +85°C Extended |
| STORAGE TEMPERATURE RANGE | -40°C to +85°C |
| AGING | ±2 ppm per year max |
| LOAD CAPACITANCE | 18 pF |
| EQUIVALENT SERIES RESISTANCE | 40 Ω max |
| SHUNT CAPACITANCE | 5 pF max |
| DRIVE LEVEL | 500 µW max |

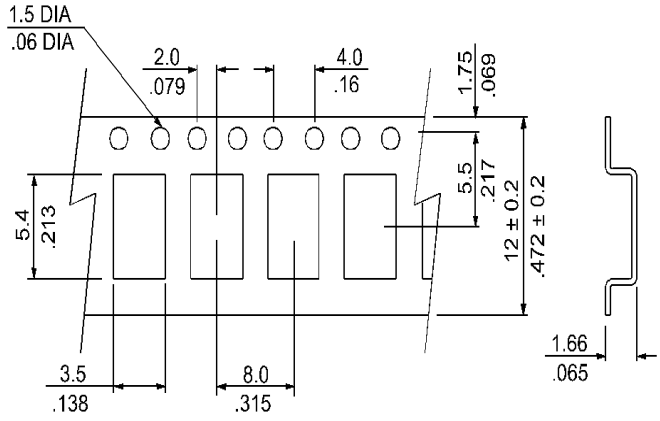


Photo is not actual part

## MECHANICAL SPECIFICATION




## CARRIER TAPE DIMENSIONS



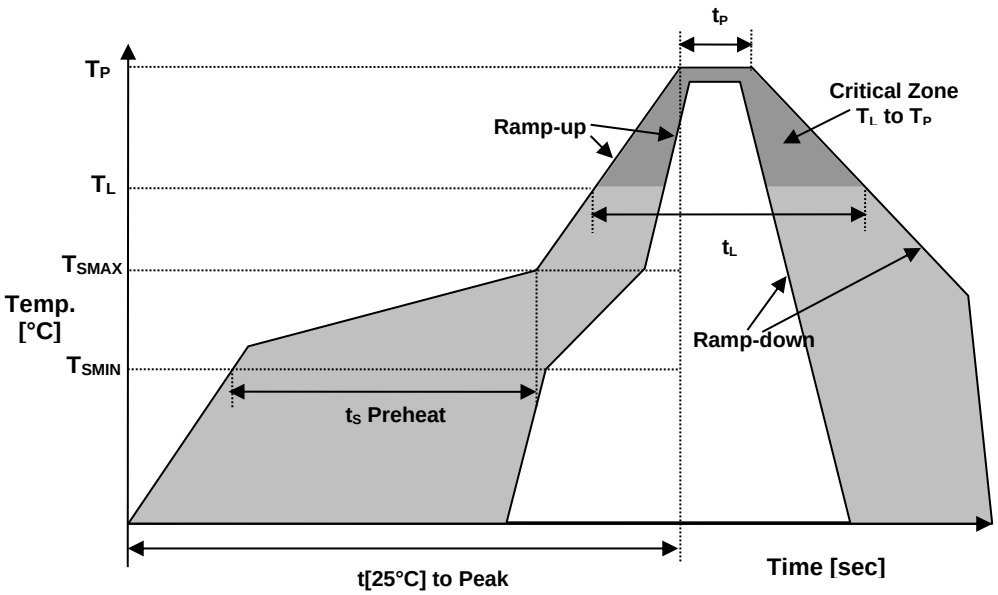

**NOTE: REFER TO EIA-481 FOR DIMENSIONS**

## 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 | COMPLIANT |
| REACH SVHC | COMPLIANT |
| HALOGEN-FREE | COMPLIANT |
| ESD CLASSIFICATION LEVEL | N/A |
| TERMINATION FINISH | Au |

## MARKING

R40.00
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, April 16, 2014 |
| APPROVED BY: | KJackson, April 16, 2014 |
| REVISION: | A, Initial Release |
| | B, Updated the Current Revision Levels AR, June 03, 2020 |

# Unikeyic Electronics

Global Electronic Components Distributor

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

## Raltron Electronics:

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