

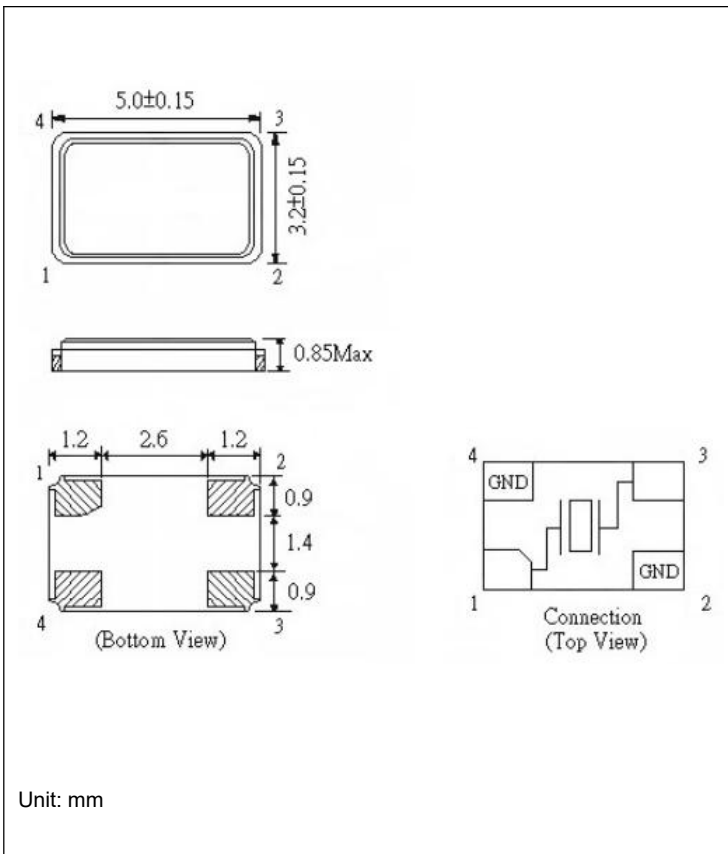
## ● SPECIFICATIONS

PARAMETER	VALUE
NOMINAL FREQUENCY	18.432 MHz
MODE OF OSCILLATION	Fundamental
FREQUENCY TOLERANCE AT 25°C	±50 ppm max
FREQUENCY STABILITY OVER TEMPERATURE	±50 ppm max
OPERATING TEMPERATURE RANGE	-40°C to +85°C
STORAGE TEMPERATURE RANGE	-40°C to +85°C
AGING	±2 ppm per year max
LOAD CAPACITANCE	18 pF
EQUIVALENT SERIES RESISTANCE	50 Ω max
SHUNT CAPACITANCE	5 pF max
DRIVE LEVEL	300 μW max

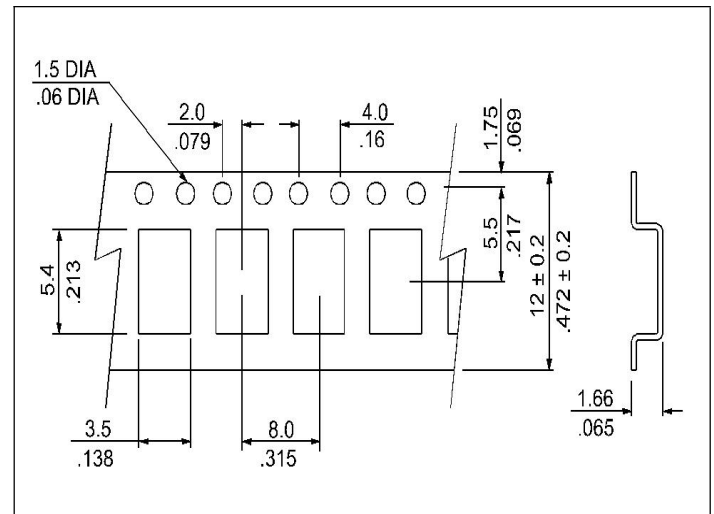


Photo is not actual part

## ● MECHANICAL SPECIFICATION



## ● CARRIER TAPE DIMENSIONS



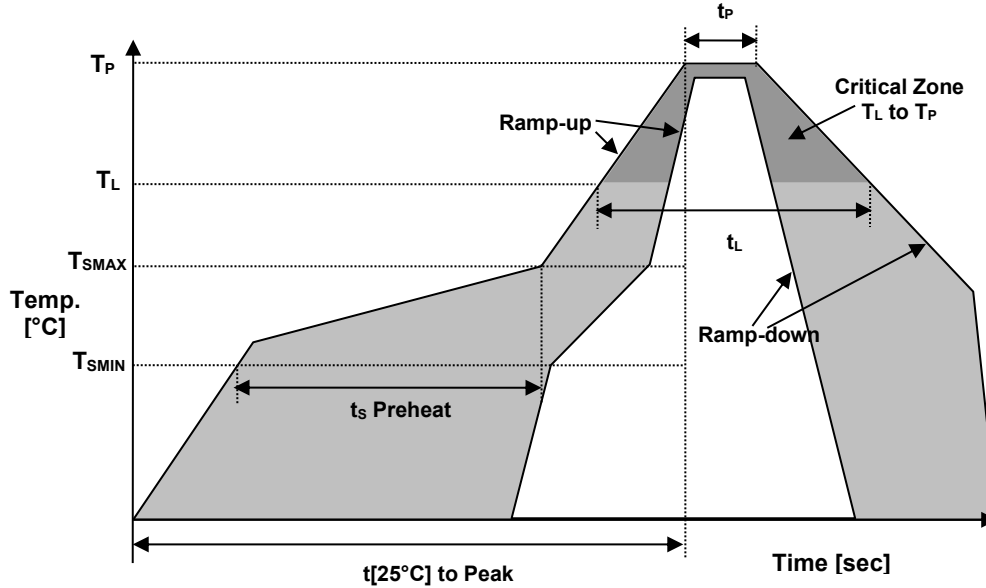
NOTE: REFER TO EIA-481 FOR DIMENSIONS

## ● PACKAGING

178 mm REEL DIAMETER  
12 mm TAPE WIDTH, 8 mm PITCH  
QUANTITY: 1000 PIECES PER REEL

IN ACCORDANCE WITH EIA-481

● REFLOW PROFILE



Reflow profile		
Temperature Min Preheat	$T_{SMIN}$	150°C
Temperature Max Preheat	$T_{SMAX}$	200°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	$t_{[25^\circ C]}$ to Peak	480 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

R18.432
xxBByw

x - Internal Production ID code
y - Year code
w - Week code

YEAR CODE table with columns Year and Code, mapping years 2015-2025 to codes 5-0-1-2-3-4-5.

ALPHA WEEK CODE TABLE with columns Week, Code, Week, Code, Week, Code, mapping weeks 1-18 to codes a-r.

APPROVAL

Approval table with columns for DRAWN BY, APPROVED BY, and REVISION, listing names and dates.

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