

● SPECIFICATIONS

PARAMETER	VALUE
FREQUENCY RANGE	30.000 MHz
MODE OF OSCILLATION	Fundamental
FREQUENCY TOLERANCE AT 25°C	±50 ppm max
FREQUENCY STABILITY OVER TEMPERATURE	±50 ppm max
OPERATING TEMPERATURE RANGE	-10°C to +60°C Standard
STORAGE TEMPERATURE RANGE	-40°C to +85°C
AGING	±5 ppm per year max
LOAD CAPACITANCE	18 pF
EQUIVALENT SERIES RESISTANCE	35 Ω max
SHUNT CAPACITANCE	7 pF max
DRIVE LEVEL	1 μW typ, 100 μW max
INSULATION RESISTANCE	500 MΩ min

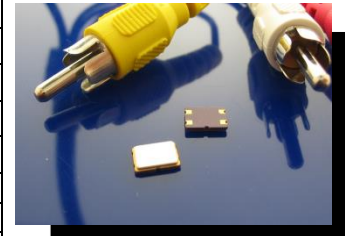
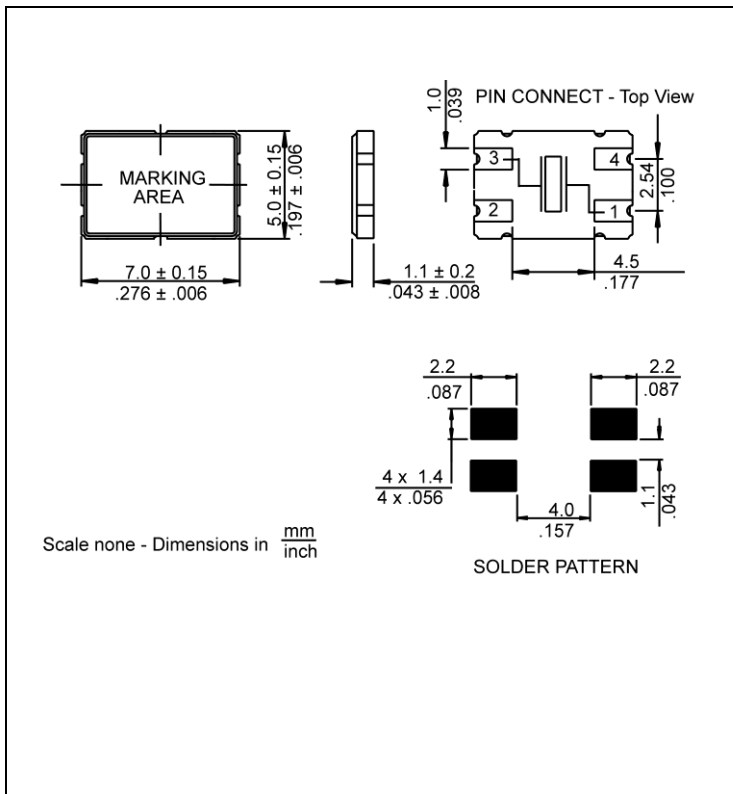
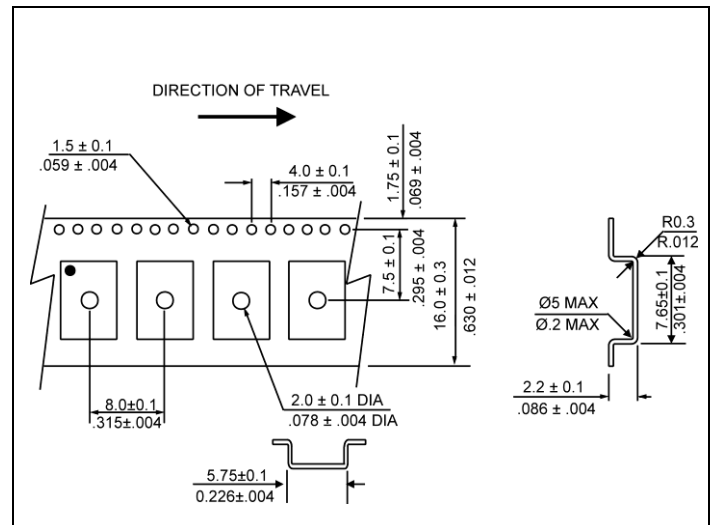


Photo is not actual part

● MECHANICAL SPECIFICATION



● CARRIER TAPE DIMENSIONS



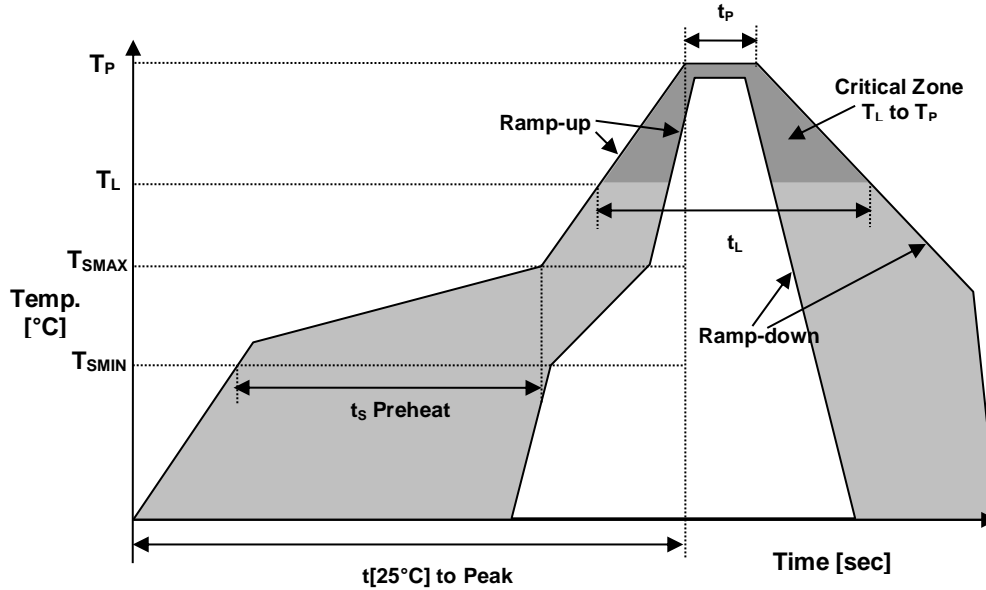
NOTE: REFER TO EIA-481 FOR DIMENSIONS

● PACKAGING

255 mm REEL DIAMETER  
 16 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





A RAMI TECHNOLOGY Company

MARKING

R30.00
xxBByw

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

Table with 2 columns: Year, Code. Rows for years 2015 to 2025.

Table with 6 columns: Week, Code, Week, Code, Week, Code. Rows for weeks 1 to 18.

APPROVAL

Approval table with columns: Field (DRAWN BY, APPROVED BY, REVISION), Value (KJackson, August 26, 2015, A, Initial Release).

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