

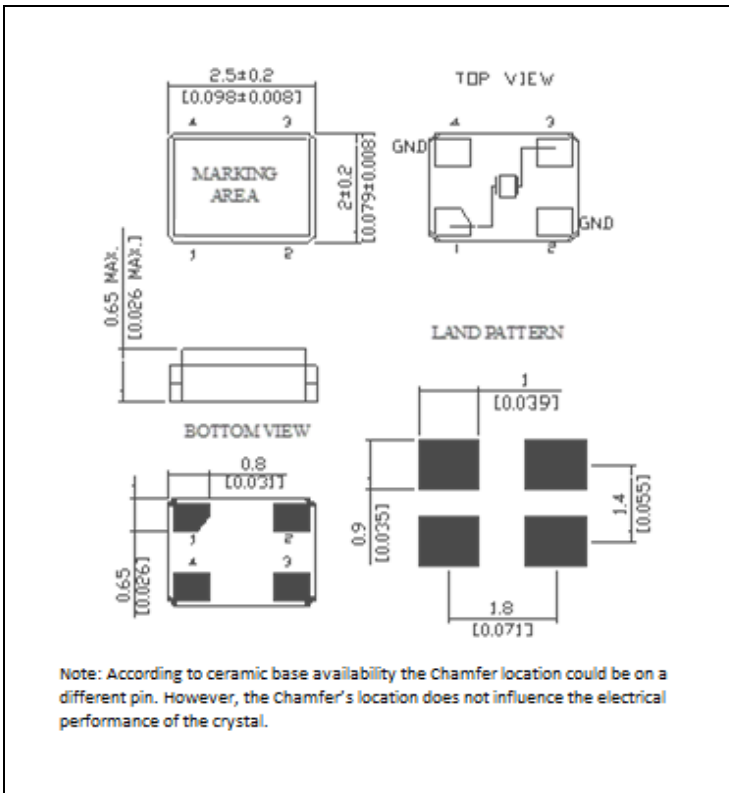
SPECIFICATIONS

PARAMETER	VALUE
NOMINAL FREQUENCY	32.000 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
STORAGE TEMPERATURE RANGE	-40°C to +85°C
LOAD CAPACITANCE	10 pF
AGING	±3 ppm per year max
EQUIVALENT SERIES RESISTANCE	40 Ω max
SHUNT CAPACITANCE	3.5 pF max
UNWANTED MODE	From Fn to Fn +500kHz
Rp/R1	2 min
G-SENSITIVITY	2 ppb/G max
DRIVE LEVEL	100 μW max
REFLOW CONDITIONS	260°C for 10 sec max

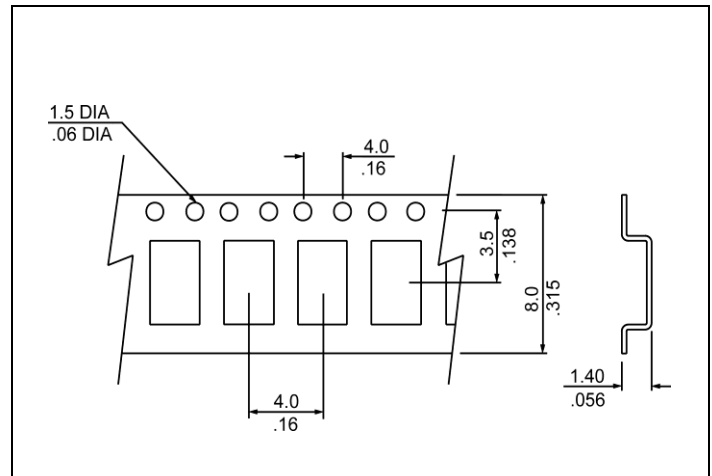


Photo is not actual part

MECHANICAL SPECIFICATION



CARRIER TAPE DIMENSIONS



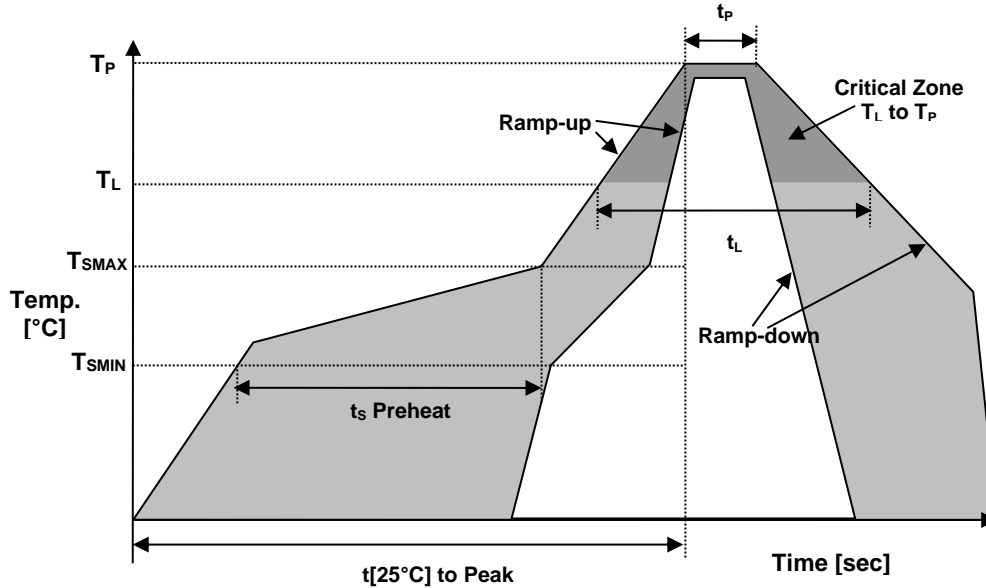
NOTE: REFER TO EIA-481 FOR DIMENSIONS

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}	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°C] to Peak Temperature	t[25°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

R32.00
xxKEyw

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

Table with 2 columns: Year, Code. Rows for years 2019-2029 with corresponding codes 9-0.

Table with 6 columns: Week, Code, Week, Code, Week, Code. Rows for weeks 1-18 with corresponding codes a-r.

APPROVAL

Table with 2 columns: Field, Value. Fields: DRAWN BY, APPROVED BY, REVISION.

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