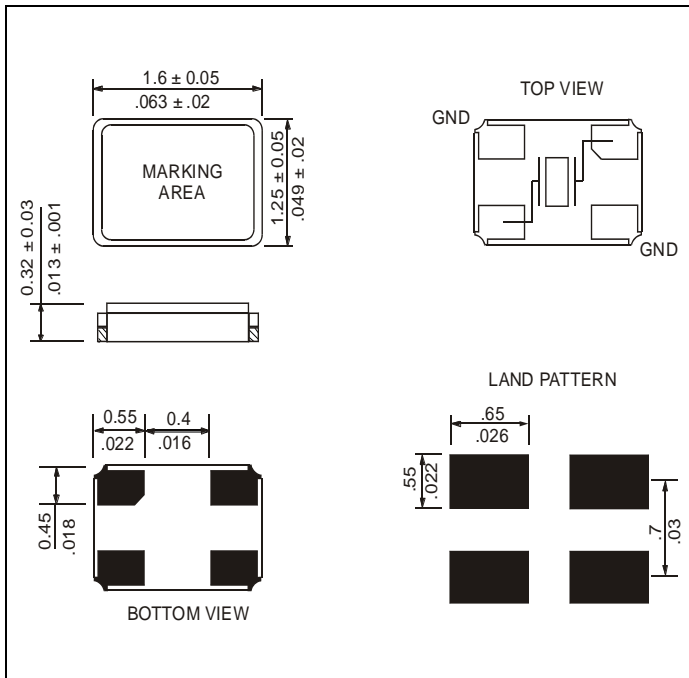


SPECIFICATIONS

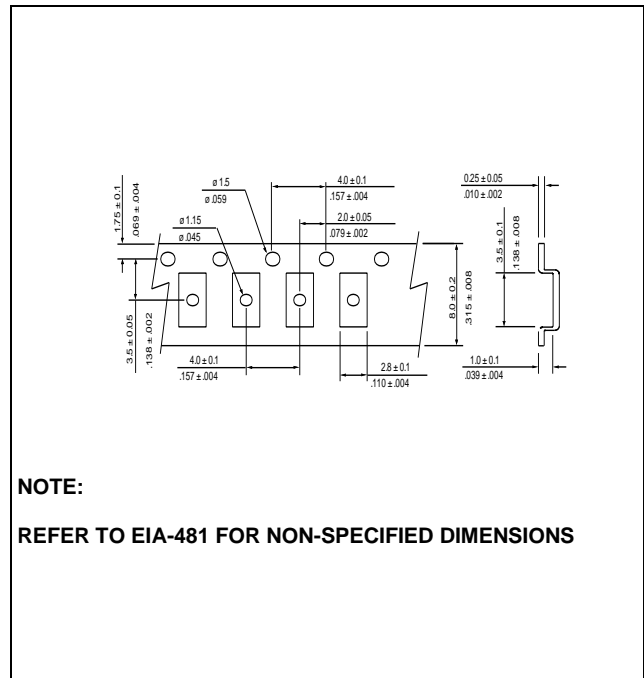
PARAMETER	VALUE
FREQUENCY	32.000 MHz
MODE OF OSCILLATION	AT CUT, FUNDAMENTAL
FREQUENCY TOLERANCE AT 25°C	±10 PPM
FREQUENCY STABILITY OVER TEMPERATURE	±10 PPM
OPERATING TEMPERATURE RANGE	-10°C TO +60°C
STORAGE TEMPERATURE RANGE	-40°C TO +90°C
AGING	±2 PPM PER YEAR
LOAD CAPACITANCE	9 pF
EQUIVALENT SERIES RESISTANCE	150 ohms
SHUNT CAPACITANCE	5.0 pF MAXIMUM
DRIVE LEVEL	50 µW MAX
REFLOW CONDITIONS	260°C ±5°C FOR 10s MAXIMUM



MECHANICAL SPECIFICATION



CARRIER TAPE DIMENSIONS



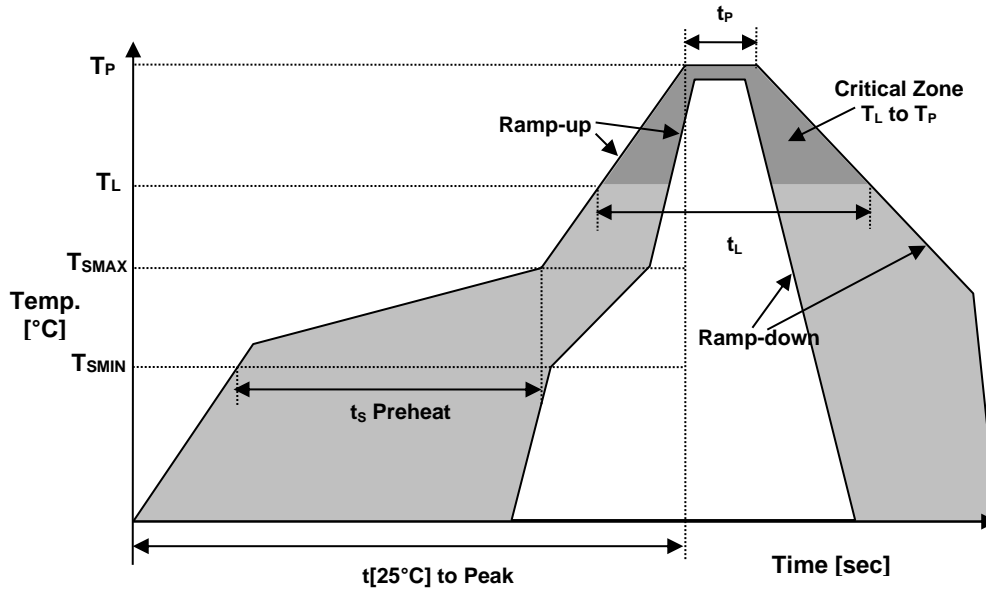
PACKAGING

180 mm REEL DIAMETER
8 mm TAPE WIDTH, 4 mm PITCH
QUANTITY: 3000 PIECES PER REEL

IN ACCORDANCE WITH EIA-481

Revision: A Initial Release
Approval By: FP
Date: 25 July 2013

● 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	6/6 LEAD FREE
REACH SVHC	COMPLIANT
HALOGEN-FREE	COMPLIANT
ESD CLASSIFICATION LEVEL	N/A
TERMINATION FINISH	Au



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