

# 32.768kHz SMD REFLOWABLE, CYLINDRICAL TYPE TUNING FORK CRYSTAL



8.3 x 2.7mm

AB206J



## FEATURES:

- Formed leads for low cost SMD type
- Excellent shock resistance
- IR reflow capable

## APPLICATIONS:

- Real time clock
- Measuring instruments
- Blue-tooth and wireless applications

## STANDARD SPECIFICATIONS:

PARAMETERS	
ABRACON P/N	AB206J
Frequency	32.768 kHz
Operating Temperature	-40°C to + 85°C
Turn-over Temperature	25°C to ± 5°C
Storage Temperature	-55°C to +125°C
Frequency Tolerance	± 20 ppm max. at 25°C
Frequency Stability	-0.034 ± 0.006ppm/°C <sup>2</sup>
Equivalent Series Resistance	50kΩ max.
Shunt Capacitance C0	1.35pF typical
Load Capacitance CL	12.5pF (see options)
Quality Factor	70,000 typ.
Drive Level	1μW max.
Aging at 25°C first year	± 3ppm max. at 25°C ± 3°C
Insulation Resistance	500 MΩ min. at 100 Vdc ± 15V

## OPTIONS & PART IDENTIFICATION:

(Left blank if standard)

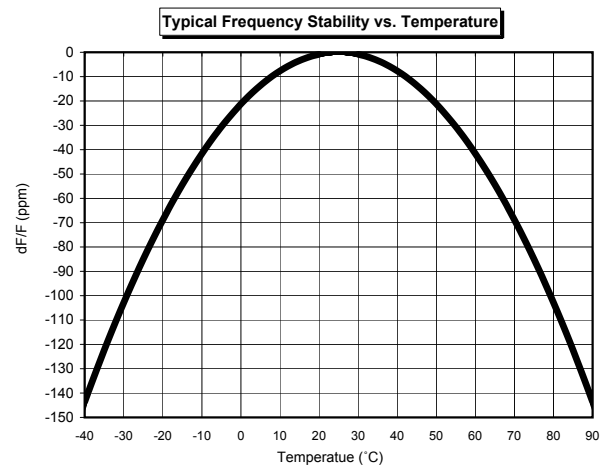
AB206J-Frequency-□-□

Load Capacitance	
Blank	12.5pF
6	6pF

\*Contact ABRACON for non-standard load capacitance

Packaging	
Blank	Bulk
T	Tape and Reel (3Kpcs/ reel)

## TUNING FORK CRYSTAL TEMPERATURE CURVE



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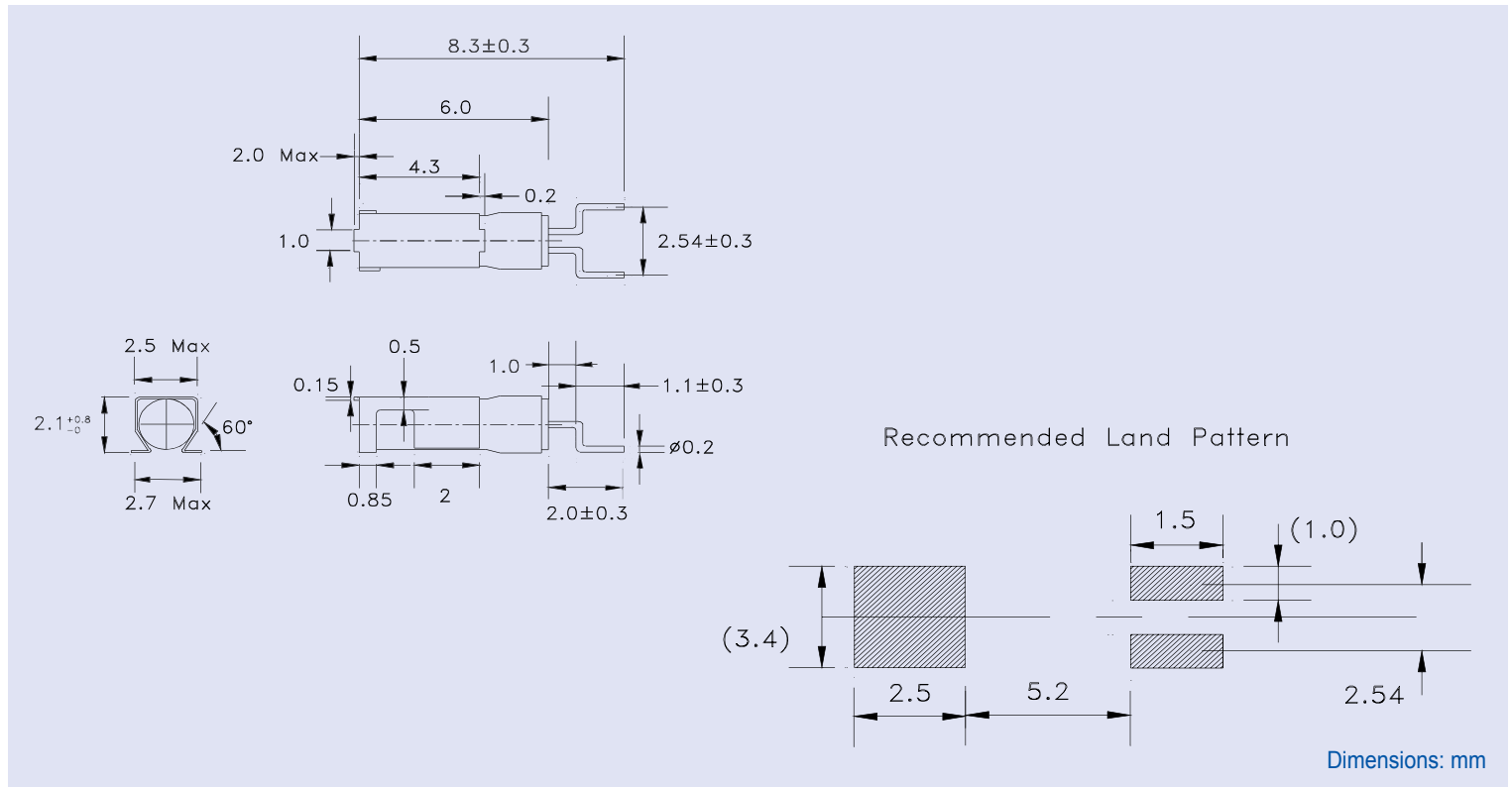


8.3 x 2.7mm

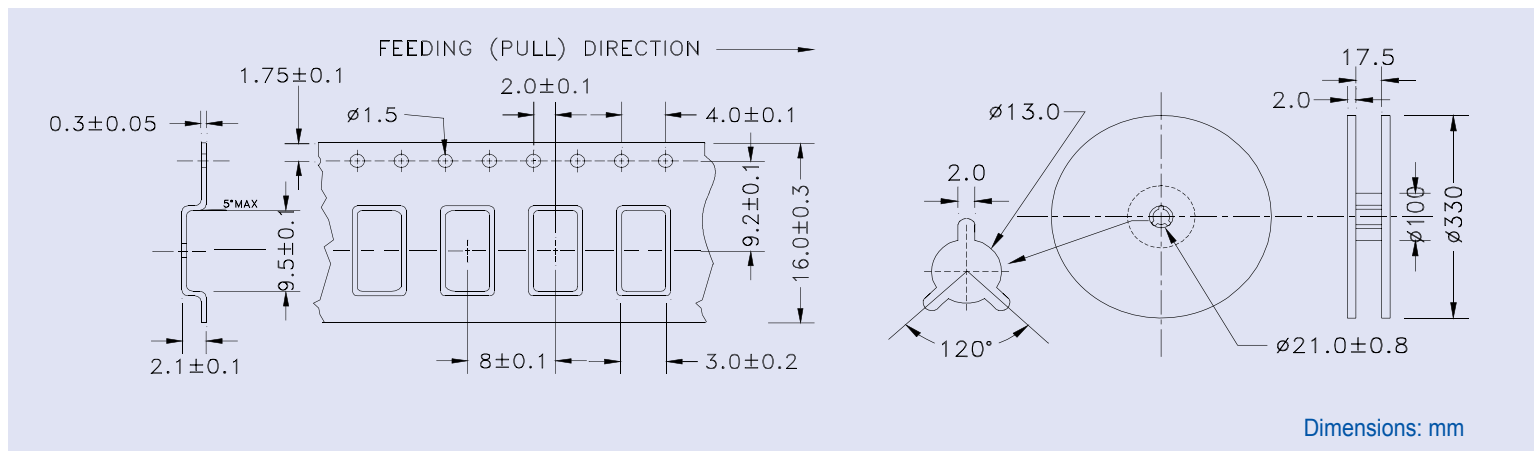
AB206J



## OUTLINE DRAWING:



## TAPE & REEL: T = Tape and reel 3,000pcs/reel



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 30332 Esperanza, Rancho Santa Margarita, California 92688  
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