

# 32.768kHz SMD LOW PROFILE CRYSTAL

ABS06L



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RoHS  
Compliant

2.0 x 1.2 x 0.38mm

MSL level: 1 (This product is packed with dry packaging)

## FEATURES:

- Smallest industry package size for 32.768kHz crystals
- 0.38mm height ideal for high density circuit boards
- Ceramic package offers excellent environmental & heat resistance
- Extended temperature -40°C to +85°C for industrial applications

## APPLICATIONS:

- Wide range in communication & measuring equipment
- Commercial & Industrial applications
- Automotive electronics applications
- Wireless communications
- PDA and Palm Pilots

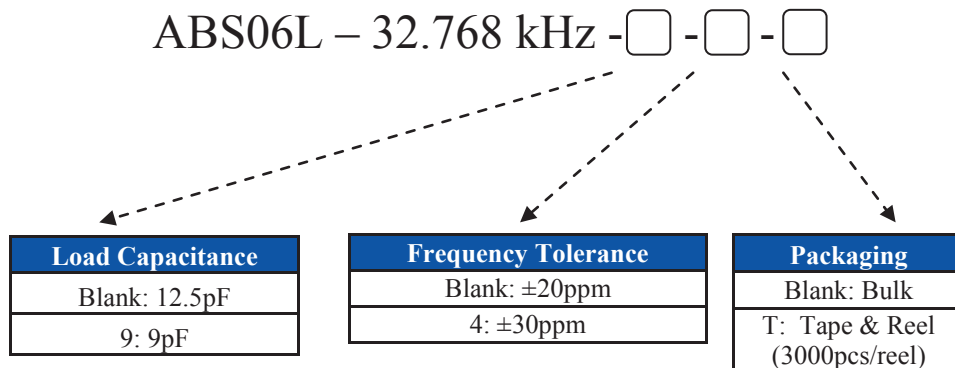
## STANDARD SPECIFICATIONS:

Parameters	Minimum	Typical	Maximum	Units	Notes
Frequency		32.768		kHz	
Operation Mode	Flexural Mode (Tuning Fork)				
Operating Temperature	-40	-----	+85	°C	
Storage Temperature	-55	-----	+125	°C	
Frequency Tolerance @+25°C	-20	-----	+20	ppm	See options
Temperature Coefficient:	-0.04	-0.03	-0.02	ppm/T <sup>2</sup>	
Turn-over temperature:	+20	+25	+30	°C	
Equivalent series resistance (ESR)	-----	-----	100	kΩ	
Load capacitance	-----	12.5	-----	pF	See options
Drive Level	-----	-----	0.5	μW	

## OPTIONS AND PART IDENTIFICATION:

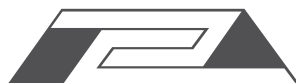
(Left blank if standard)

ABS06L – 32.768 kHz -  -  -



Contact Abracon for non-standard capacitance

±10ppm tolerance is available. Please contact Abracon for more information.



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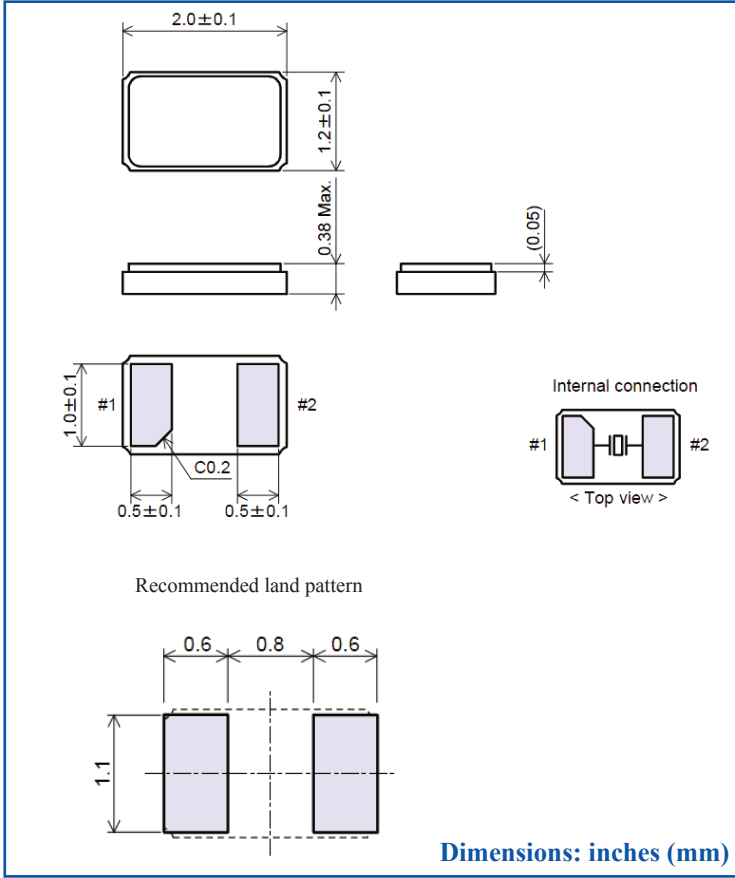


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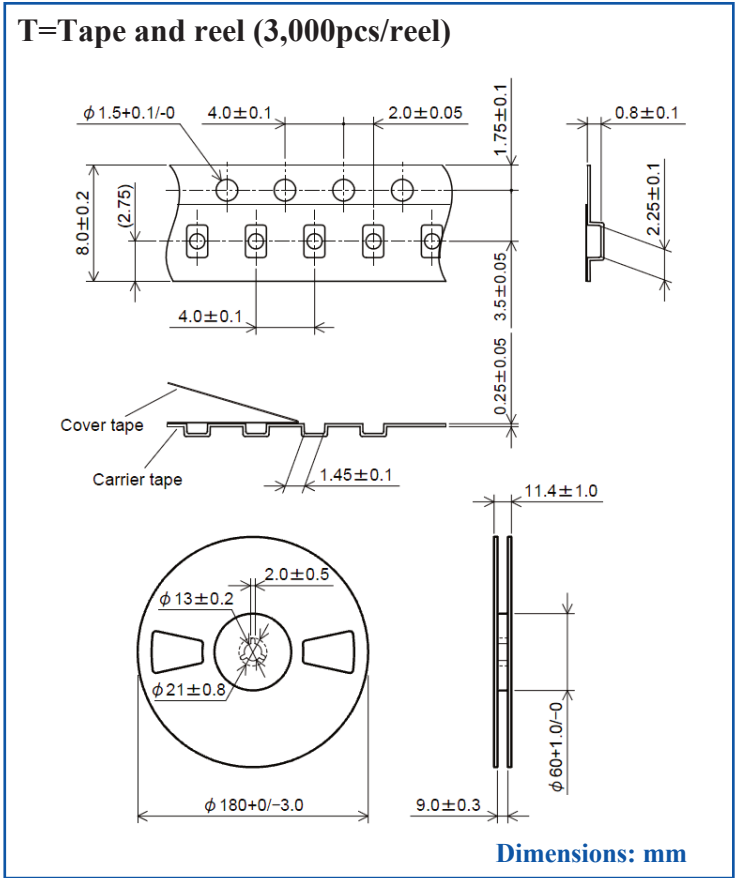


2.0 x 1.2 x 0.38mm

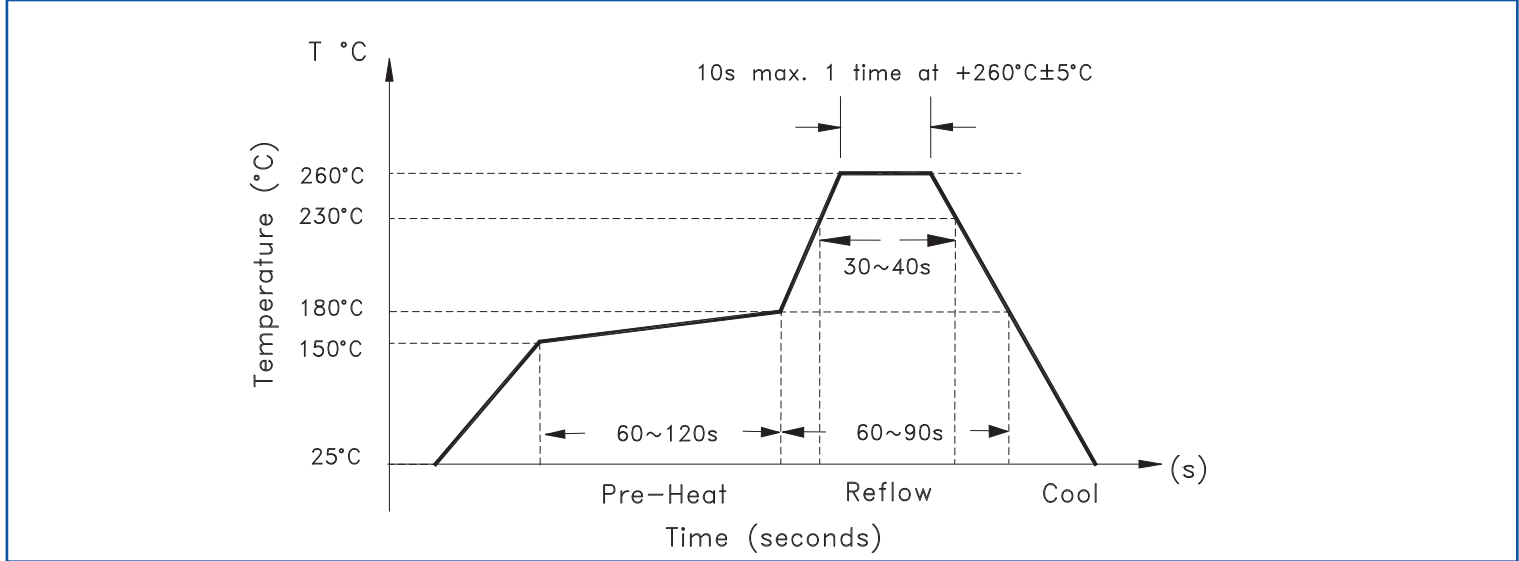
## OUTLINE DRAWING:



## TAPE & REEL:



## REFLOW PROFILE:



Need a test socket for the ABS06 Series? To view compatible **PRECISION TEST & BURN-IN SOCKETS** for these parts, [click here](#). P/N AXS-2012-02-04

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