32.768kHz SMD LOW PROFILE CRYSTAL

ABS06L

RoHS/RoHS II Compliant

Moisture Sensitivity Level (MSL) – This product is Hermetically Sealed and not Moisture Sensitive - MSL = N/A: Not Applicable

FEATURES:

- Lowest height kHz package 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:

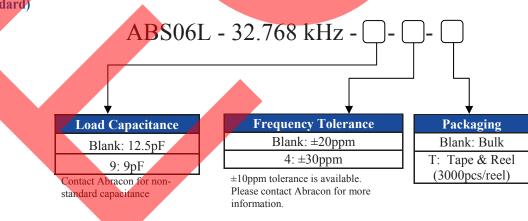
- Smart Display Credit Cards
- Wide range in communication & measuring equipment
- Commercial & Industrial applications
- Wireless communications
- PDA and Palm Pilots
- Credit Cards with Security Technology

STANDARD SPECIFICATIONS:

Parameters	Minimum	Typical	Maximum	Units	Notes
Frequency		32.768		kHz	
Operation Mode	Flexura	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 ²	
Turn-over temperature	+20	+25	+30	°C	
Equivalent series resistance (ESR)			100	kΩ	
Load capacitance		12.5		pF	See options
Drive Level		0.1	0.5	μW	
Aging (@ 25°C)	-3		+3	ppm	First year
Insulation Resistance	500			MΩ	@ DC 100±15V

OPTIONS AND PART IDENTIFICATION

(Left blank if standard)





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2.0 x 1.2 x 0.38mm

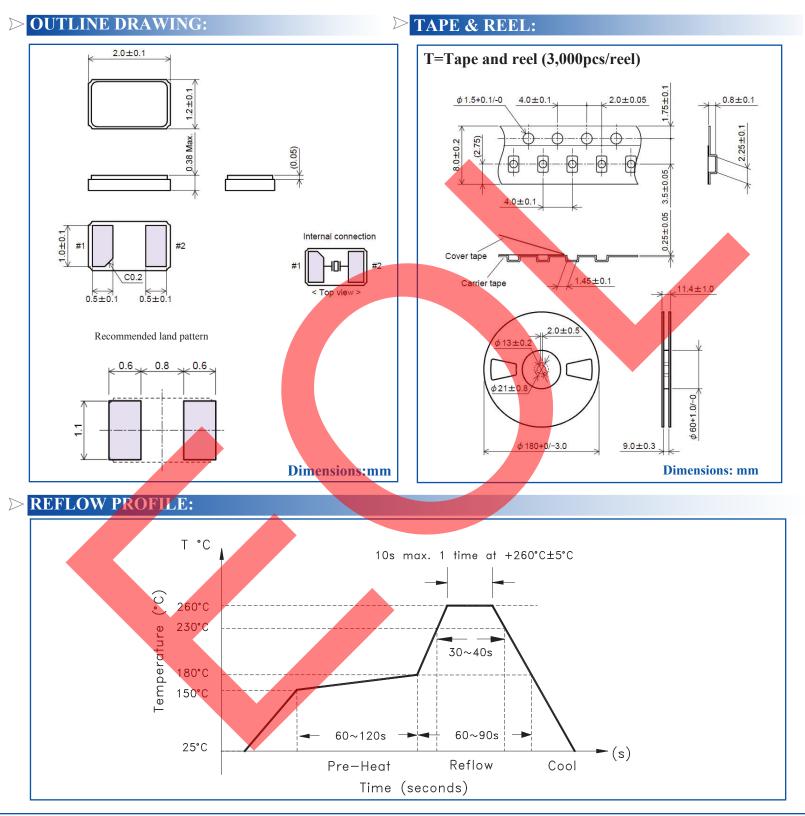
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Need a test socket for the ABS06 Series? To view compatible **PRECISION TEST & BURN-IN SOCKETS** for these parts, **click here. P/N AXS-2012-02-04**

ATTENTION: Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.

ABRACON IS ISO 9001:2008 CERTIFIED



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