32.768kHz SMD LOW PROFILE CRYSTAL



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

FEATURES:

• Smallest 32.768KHz package available

ABS05

- 0.5mm 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:

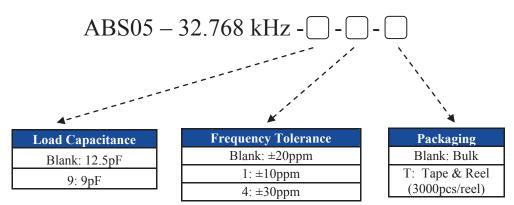
- Wide range in communication & measuring equipment
- Commercial & Industrial applications
- Automotive electronics applications
- Wireless communications
- PDA and Palm Pilots

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 ²	
Turn-over temperature:	+20	+25	+30	°C	
Equivalent series resistance (ESR)			90	kΩ	
Load capacitance		12.5		pF	See options
Drive Level			0.5	μW	

OPTIONS AND PART IDENTIFICATION:

(Left blank if standard)



Contact Abracon for non-standard capacitance





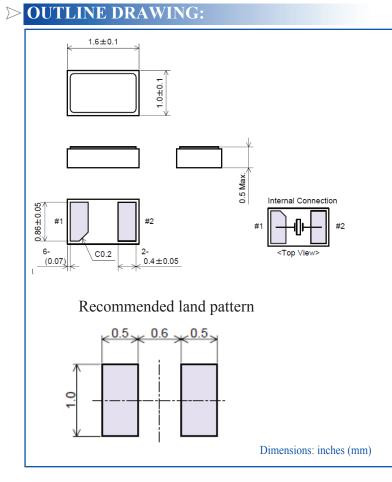
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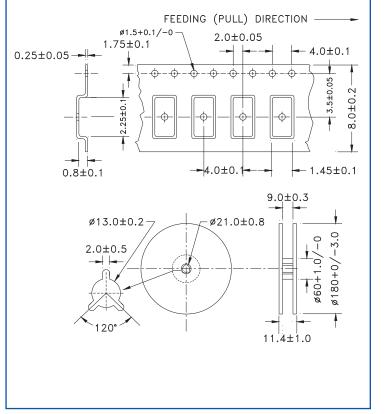
RoHS Compliant

1.6 x 1.0 x 0.5mm

TAPE & REEL:

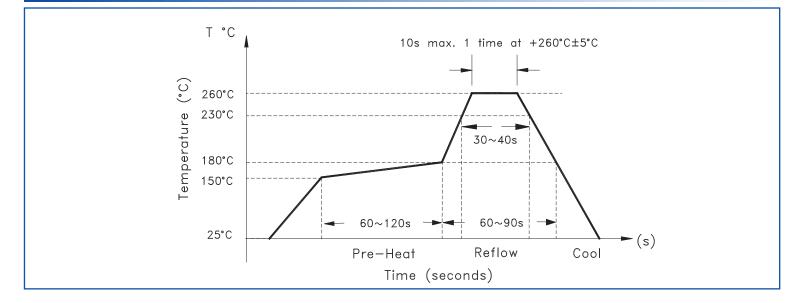
T=Tape and reel (3,000pcs/reel)





REFLOW PROFILE:

ABS05



Need a test socket for the ABS05 Series? To view compatible **PRECISION TEST & BURN-IN SOCKETS** for these parts, **click here. P/N AXS-2012-02-04**

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