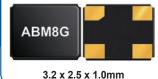
ULTRA MINIATURE CERAMIC GLASS SEALED SMD CRYSTAL

ABM8G

Pb in glass (exempt per RoHS 2002/95/EC Annex (5))





> FEATURES:

- Low in height; suitable for thin equipment.
- Glass sealed package assures high reliability and high temperature operation
- Tight tolerance and stability available.
- IR reflow capable
- · Low cost version of ABM8 crystal

> APPLICATIONS:

- Automotive applications
- High density applications.
- Modems, communication and test equipment.
- PMCIA, Wireless applications

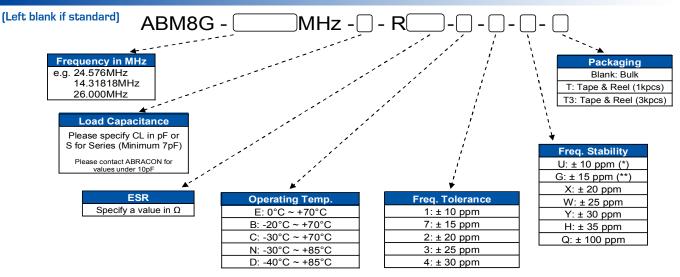
STANDARD SPECIFICATIONS:

PARAMETERS	
ABRACON P/N	ABM8G Series
Frequency Range	12.000MHz - 50.000MHz
Operation Mode	Fundamental
Operating Temperature	-10°C to + 60°C (see options)
Storage Temperature	-55°C to +125°C
Frequency Tolerance at +25°C	± 50ppm max. (see options)
Frequency Stability over the Operating Temp. (Ref. to +25°C)	± 50ppm max. (see options)
Equivalent Series Resistance	See table 1
Shunt Capacitance C0	5.0pF max
Load Capacitance CL	10pF (see options)
Drive Level	100μW max., 10μW Typical
Aging (first year) at 25°C ± 3°C	±3ppm max.
Insulation Resistance	500 M Ωmin. at 100 Vdc ±15V

TABLE 1- Standard ESR

Frequency (MHz)	$ESR(\Omega)$ max
12.000	120
12.001 - 20.000	80
20.001 - 28.00	60
28.001 - 50.00	50

OPTIONS & PART IDENTIFICATION:







ULTRA MINIATURE CERAMIC GLASS SEALED SMD CRYSTAL

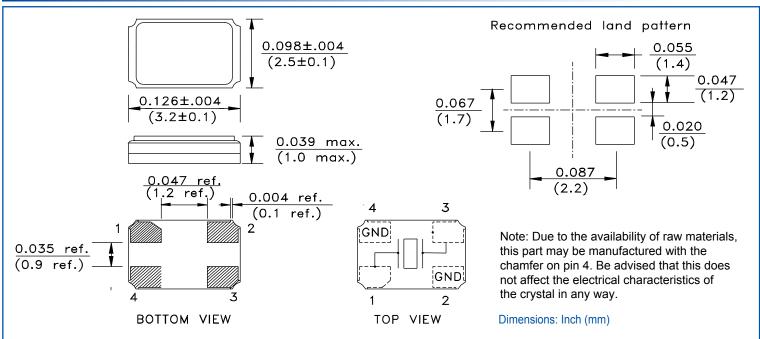
ABM8G





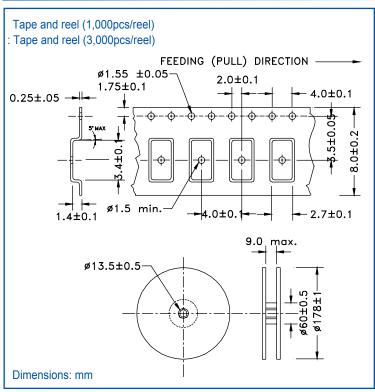
3.2 x 2.5 x 1.0mm

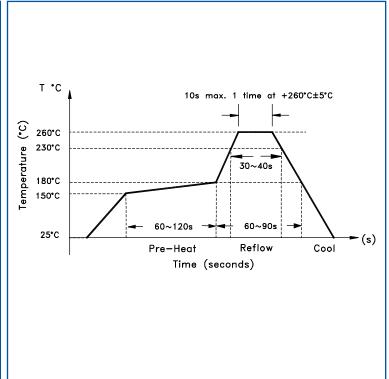
OUTLINE DRAWING:



TAPE & REEL: (1000pcs/reel or 3000pcs/reel)

REFLOW PROFILE:







Need a test socket for the ABM8G Series? To view compatible **PRECISION TEST & BURN-IN SOCKETS** for these parts, **click here.**

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.



