CERAMIC SMD ULTRA MINIATURE QUARTZ CRYSTAL

ABM3C

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





5.0 x 3.2 x 1.3mm

Moisture Sensitivity Level – MSL – N/A (The ABM3C Series is a Hermetically Sealed device and not moisture sensitive)

FEATURES:

- Low in height; suitable for thin in equipment.
- Glass sealed package assures high reliability and high tem perature operation
- Tight tolerance and stability available.
- Suitable for RoHS reflow profile

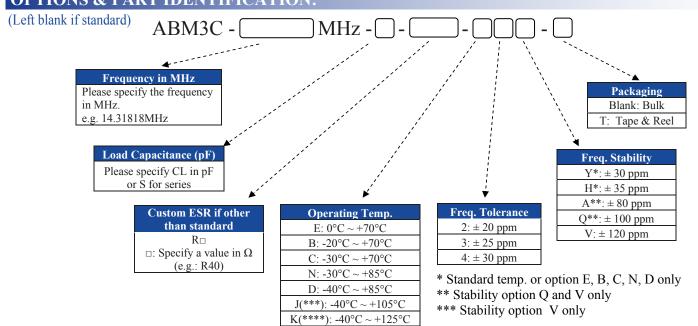
> APPLICATIONS:

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

STANDARD SPECIFICATIONS:

Parameters	Minimum	Typical	Maximum	Units	Notes
Frequency Range	10.000		50.000	MHz	Fundamental
Operation Mode		Fundamental			
Operating Temperature	-10		+70	°C	See options
Storage Temperature	-40		+90	°C	
Frequency Tolerance @+25°C	-50		+50	ppm	See options
Frequency Stability over the Operating Temperature (ref. to +25°C)	-50		+50	ppm	See options
Equivalent series resistance (R1)			60	Ω	10.000 – 15.999MHz
			50		16.000 – 50.000MHz
Shunt capacitance (C0)			7	pF	
Load capacitance (CL)		18		pF	Standard (See options if other than STD)
Drive Level		10	100	μW	
Aging	-5		+5	ppm	@25°C±3°C First year
Insulation Resistance	500			ΜΩ	@ $100 \text{Vdc} \pm 15 \text{V}$

OPTIONS & PART IDENTIFICATION:



ABRACON IS ISO9001:2008 CERTIFIED



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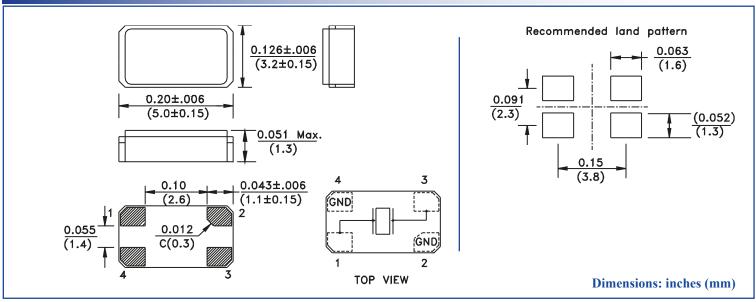


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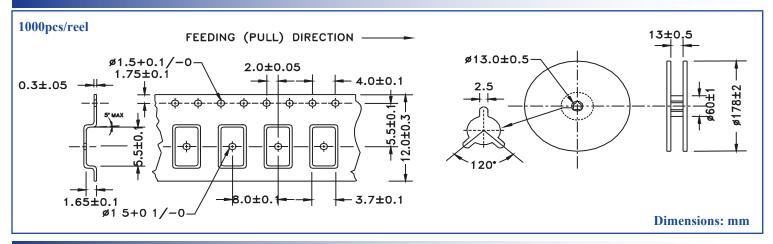


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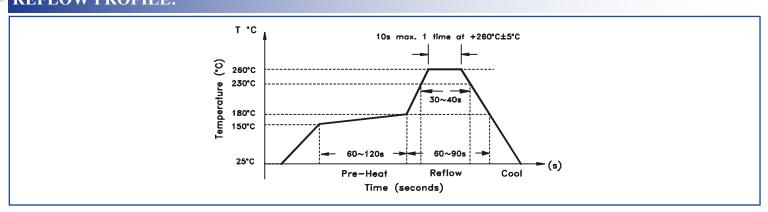
OUTLINE DRAWING:



TAPE & REEL:



REFLOW PROFILE:



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