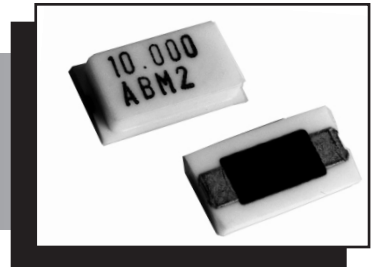


# MICROPROCESSOR CRYSTALS CERAMIC SURFACE MOUNT ULTRA MINIATURE ABM2

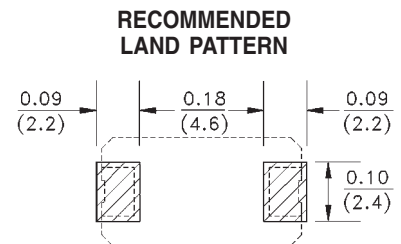
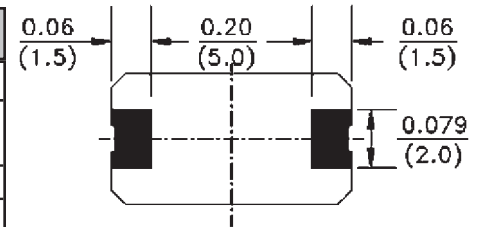
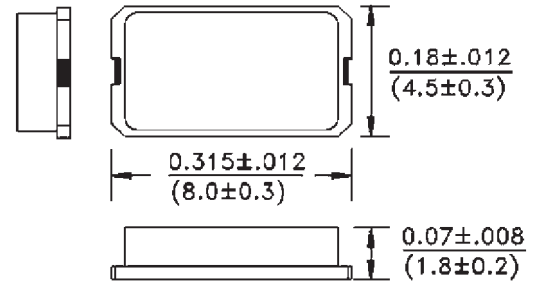


## FEATURES:

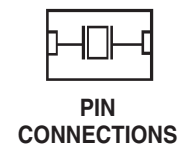
- Low in height; suitable for thin equipment.
- Ceramic package assures high reliability.
- Tight tolerance and stability available.
- Suitable for solder reflow.
- High precision crystal.

## APPLICATIONS:

- Microprocessor Crystals.
- Modems, Communication and Test equipment.



Dimensions: Inches (mm)



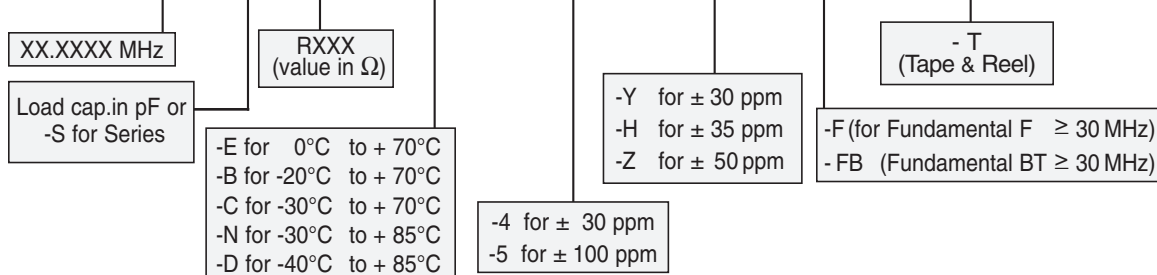
## STANDARD SPECIFICATIONS

Frequency Range	<b>8.192 MHz - 70 MHz</b>
Operating Mode	8.192 MHz - 40 MHz (Fundamental) 30 MHz ~ 70 MHz (3rd overtone)
Operating Temperature	-10°C to +60°C (See Options)
Storage Temperature	-40°C to +85°C
Frequency Tolerance @ 25°C	± 50 ppm max. (See Options)
Frequency Stability over Temp.	± 100 ppm max. (See Options)
Equivalent Series Resistance (ESR)	100 Ω max. for 8.192 MHz < F < 10 MHz 80 Ω max. for 10 MHz < F < 30MHz 50 Ω max. for 30 MHz ≤ 40 MHz 70 Ω max. for 30 MHz < F ≤ 70 MHz (OT)
Shunt Capacitance C <sub>0</sub>	7 pF max.
Load Capacitance C <sub>L</sub>	18 pF (See Options)
Drive Level	500 μW max.
Aging @ 25°C per Year	± 5 ppm max.
Insulation Resistance	500 MΩ min. at 100 Vdc ± 15V

Please see environmental, and mechanical specifications on page 68, Group 2.  
Marking, see page 76. Tape and Reel, see pages 74-75 (1,000 pcs/reel).

## ORDERING OPTIONS

ABM2 - Frequency - CL - ESR - Temperature - Tolerance - Stability - Mode - Packaging



NOTE: Left blank if standard • All specifications and markings subject to change without notice

29 Journey • Aliso Viejo, CA 92656 • USA  
(949) 448-7070 • FAX: (949) 448-8484

E-MAIL: [abinfo@abracon.com](mailto:abinfo@abracon.com) • INTERNET ADDRESS: [www.abracon.com](http://www.abracon.com)

