

5.0 x 3.2 x 1.3 mm

# MICROPROCESSOR CRYSTALS ULTRA MINIATURE CERAMIC SURFACE MOUNT ABM3C

## FEATURES:

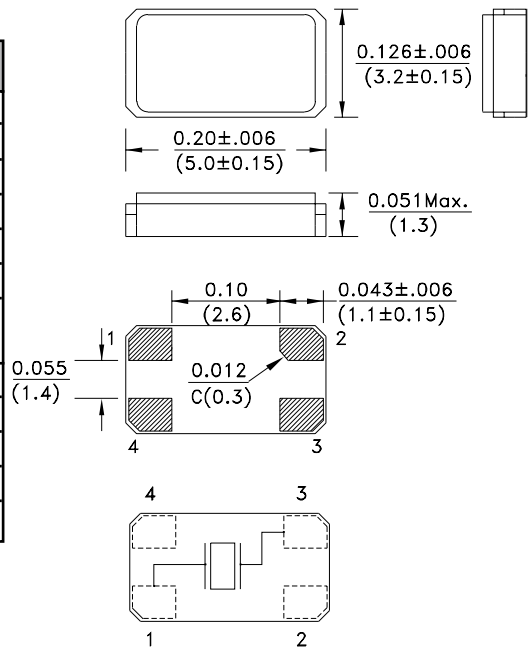
- Ultra miniature size 5.0 x 3.2 x 1.3 mm max.
- Suitable for reflow.
- Ceramic package with heat-resistant glass sealing.
- Fundamental mode.
- Tight Stability available.

## APPLICATIONS:

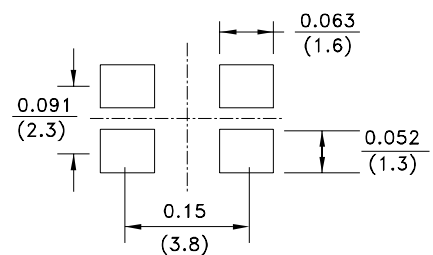
- Cellular telephones, Pagers.
- Communication, Test equipment.
- High density applications.
- Cordless telephones, Fascimiles

## STANDARD SPECIFICATIONS

Frequency Range	<b>10.000MHz - 40.000MHz</b>
Operation Mode	Fundamental
Operating Temperature	-10°C to +70°C (See Options)
Storage Temperature	-40°C to +85°C
Frequency Tolerance @ 25°C	±50ppm max. (See Options)
Frequency Stability over Temp.	±50ppm max. (See Options)
Equivalent Series Resistance (ESR) Maximum	60 Ω max. for 10.0MHz ≤ F < 16.0MHz 50 Ω max. for 16.0MHz ≤ F ≤ 40.0MHz
Shunt Capacitance C <sub>0</sub>	7pF max.
Load Capacitance C <sub>L</sub>	18pF (See Options)
Drive Level	100μW max., 10μW correlation
Aging @ 25°C First Year	±5ppm max.
Insulation Resistance	500MΩ min. at 100Vdc ±15V



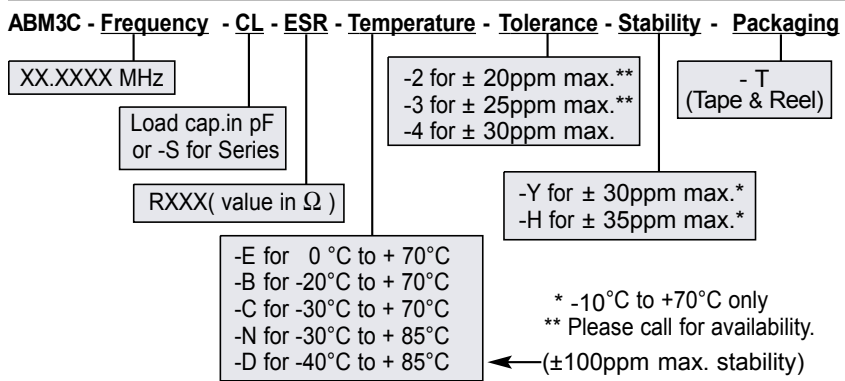
TOP VIEW  
Recommended land pattern



Dimensions: Inches (mm)

Environmental, and mechanical specifications, see appendix C. Group 2.  
Tape and Reel, see appendix H.(1,000 pcs/reel)  
Marking, see appendix G. Reflow profile, see appendix E.  
Application notes, see appendix A. Recommended handling, see appendix F.

## ORDERING OPTIONS



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

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