

7.0 x 5.0 x 1.3 mm

MICROPROCESSOR CRYSTALS CERAMIC SURFACE MOUNT MINIATURE ABMM and ABMM1

FEATURES:

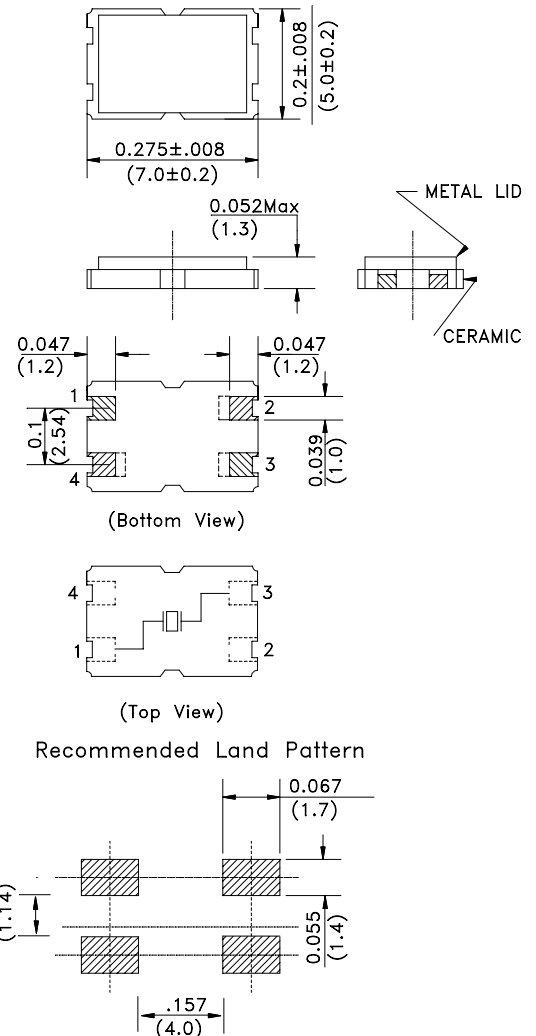
- Low in height; (1.1 mm) suitable for thin equipment.
- AT strip cut offering a tight tolerance and stability.
- Suitable for solder reflow.

APPLICATIONS:

- PCMCIA applications. • Suitable for thin equipment.

STANDARD SPECIFICATIONS

Frequency Range	6.000MHz - 125MHz (See note)
Operation Mode	6.0MHz ~ 33MHz (Fundamental) 33.01MHz ~ 125MHz (3rd overtone)
Operating Temperature	-10°C to +60°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) ±100ppm max. @ -10°C to +60°C (FB)
Equivalent Series Resistance (ESR) Fundamental	70 Ω max. for 6.0MHz ≤ F < 12.0MHz 50 Ω max. for 12MHz ≤ F < 20.0MHz 40 Ω max. for 20.0MHz ≤ F ≤ 33.0MHz
3rd Overtone	80 Ω max. for 33.0MHz < F ≤ 125MHz
Shunt Capacitance C ₀	7pF max.
Load Capacitance C _L	18pF (See Options)
Drive Level	500μW max, 100μW correlation
Aging @ 25°C per Year	±5ppm max.
Insulation Resistance:	500M Ω min. at 100Vdc ±15V

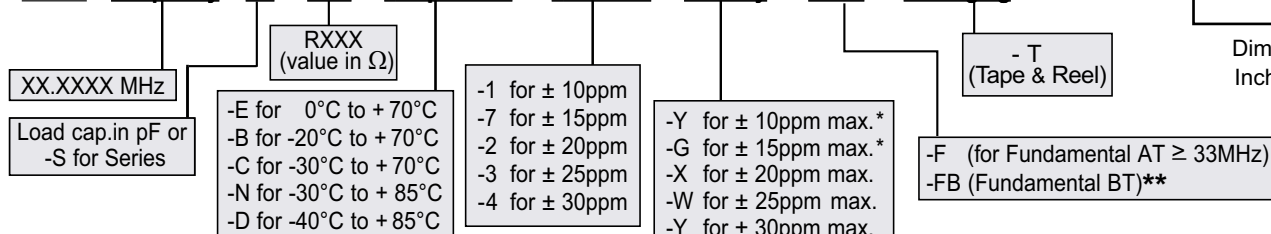


Environmental, and mechanical specifications, see appendix C. Group 2.
Marking, see appendix G. Tape and Reel, see appendix H.(1,000 pcs/reel)
Reflow profile, see appendix E. Recommended handling, see appendix F.
Application notes, see appendix A.

Note: Please contact us for availability above 100MHz

ORDERING OPTIONS

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



Contact us for tighter tolerance and stability.
Certain restrictions apply on selected frequencies and frequency stabilities.

* Please contact us for availability.

** ±100ppm max. stability from -10°C. to 60°C only.

PACKAGE	H MAX.
ABMM	0.052 (1.3)
ABMM1	0.043 (1.1)

Dimensions:
Inches (mm)