

# CERAMIC SURFACE MOUNT LOW PROFILE MICROPROCESSOR CRYSTAL



7.0 x 5.0 x 1.0 mm

ABMM1



RoHS Compliant

➤ **FEATURES:** [DataSheet001.com](http://DataSheet001.com)

- Suitable for reflow
- Low in height - suitable for thin equipment
- AT-strip cut offers a tight tolerance & stability

➤ **APPLICATIONS:**

- Computers, Modems, Microprocessors
- Communication, Test equipment
- PCMCIA

➤ **STANDARD SPECIFICATIONS:**

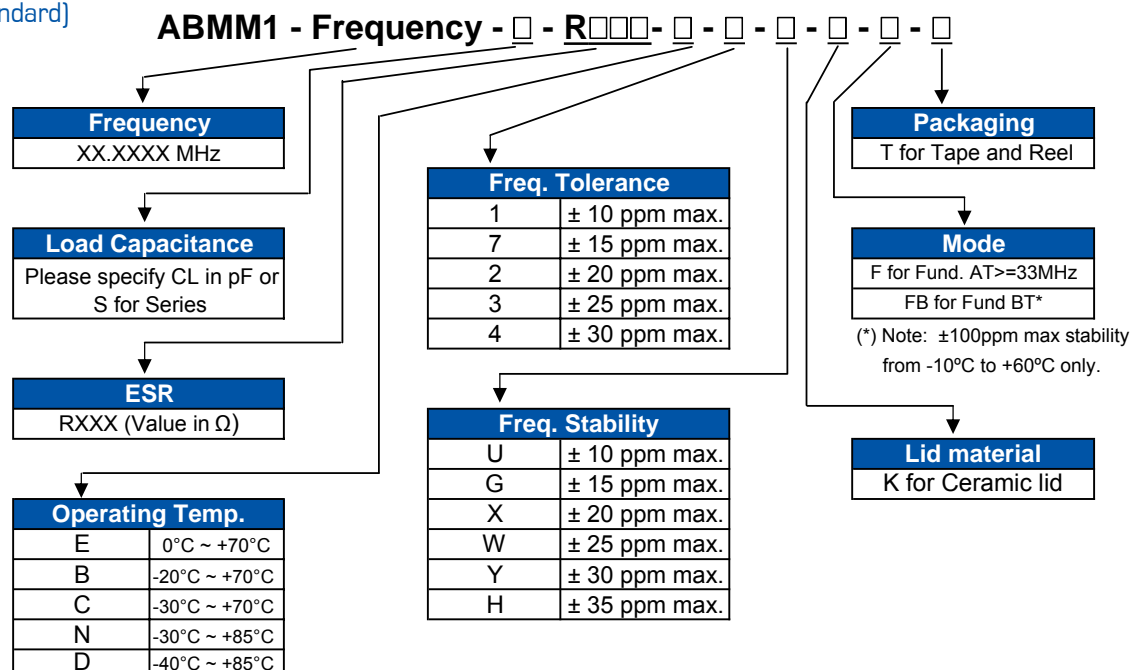
PARAMETERS	
ABRACON P/N	ABMM1 Series
Frequency Range	8.0 MHz to 125 MHz
Operation Mode	AT (see option) Fundamental 8.0 MHz - 33.0 MHz Third-Overtone for F ~ 33.01 MHz - 125 MHz
Operating Temperature	- 10°C to + 60°C (see options)
Storage Temperature	- 40°C to + 85°C
Frequency Tolerance at +25°C	± 50 ppm max. (see options)
Frequency Stability over the Operating Temp. (Ref to +25°C)	± 50 ppm max. (see Table 1); ± 100 ppm @ -10 °C to + 60° C for Fundamental BT
Equivalent Series Resistance	See Table 1
Shunt Capacitance C <sub>0</sub>	7pF max.
Load Capacitance C <sub>L</sub>	18pF (see options)
Drive Level	500µW max., 100µW typical
Aging at 25°C Per Year	± 5ppm max.
Insulation Resistance	500MW min at 100Vdc ± 15V

TABLE 1

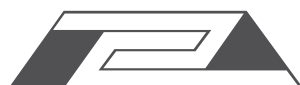
Frequency (MHz)	ESR (Ω)
8.000 - 11.999(Fund)	70
12.000 - 20.000(Fund)	50
20.000 - 33.000(Fund)	40
33.000 - 125.00(3rd O/T)	80

➤ **OPTIONS & PART IDENTIFICATION:**

(Left blank if standard)



ABRACON IS  
ISO 9001 / QS 9000  
CERTIFIED



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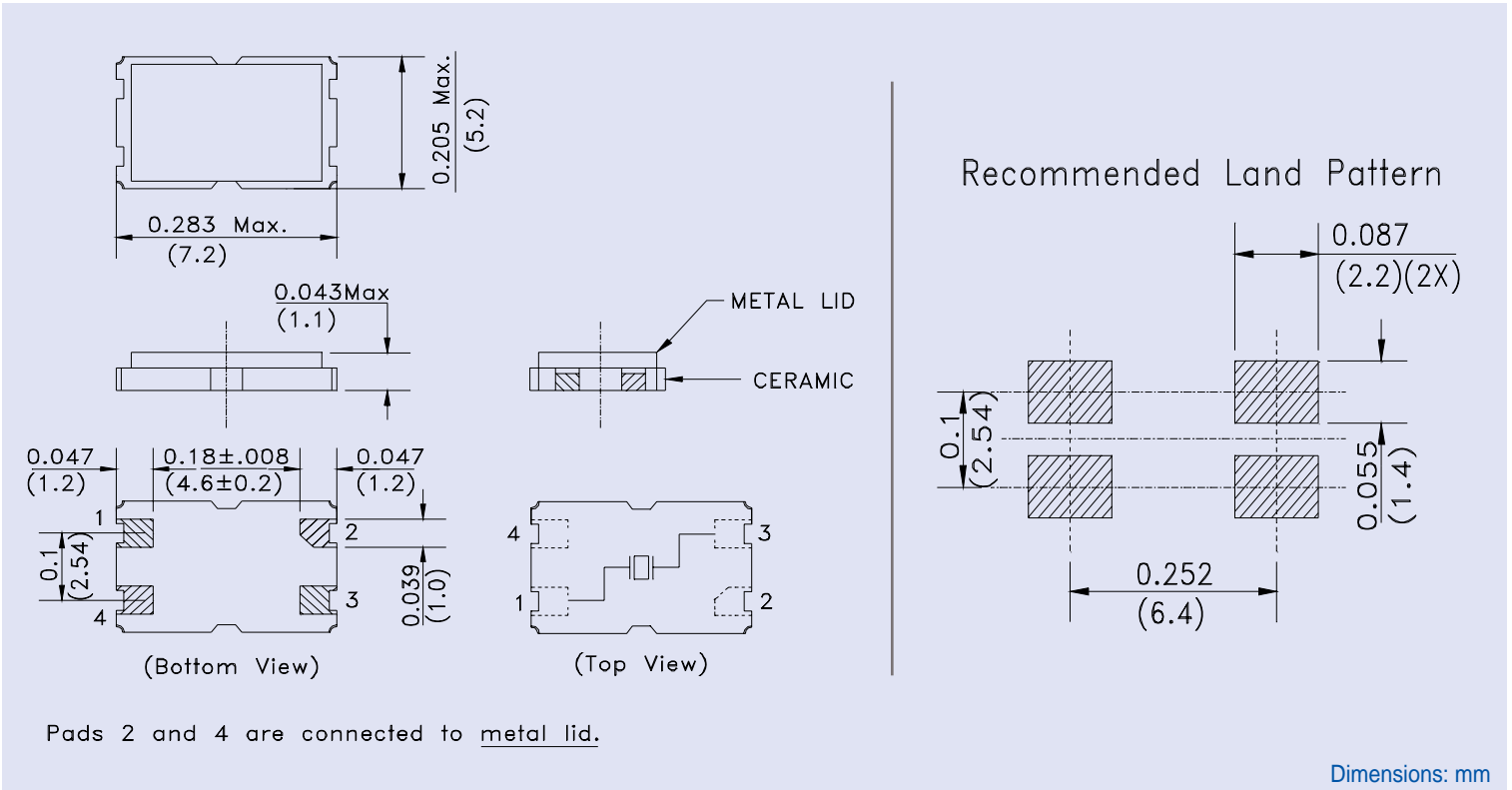


RoHS  
Compliant



1.6 x 1.1 x 0.45 mm

## OUTLINE DRAWING:



## TAPE & REEL:

