

# CERAMIC SURFACE MOUNT LOW PROFILE MICROPROCESSOR CRYSTAL

ABMM3

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

**RoHS**  
Compliant

ABMM3

6.0 x 3.5 x 1.1 mm

## FEATURES:

- Suitable for reflow; Superior heat-resistant glass sealing
- 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	ABMM3 Series
Frequency Range	8.0 MHz to 60.0 MHz
Operation Mode	Fundamental 8.0 MHz - 50.0 MHz Third-Overtone for F ~ 45.0 MHz - 60.0 MHz
Operating Temperature	- 10°C to + 60°C (see options)
Storage Temperature	- 40°C to + 90°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 options)
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	100μW max.
Aging at 25°C Per Year	± 5ppm max.
Insulation Resistance	500Mohms min at 100Vdc ± 15V

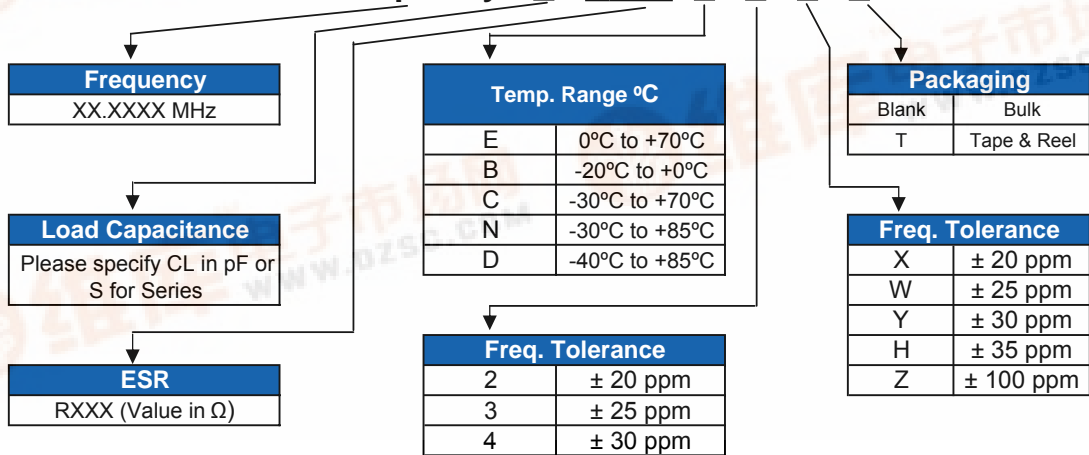
TABLE 1

Frequency (MHz)	ESR (Ω)
8.000 - 9.999 (Fund)	80
10.000 - 15.99 (Fund)	60
16.000 - 50.000 (Fund)	50
45.000 - 60.00 (3rd O/T)	90

## OPTIONS & PART IDENTIFICATION:

(Left blank if standard)

ABMM3 - Frequency -  - R -  -  -  -



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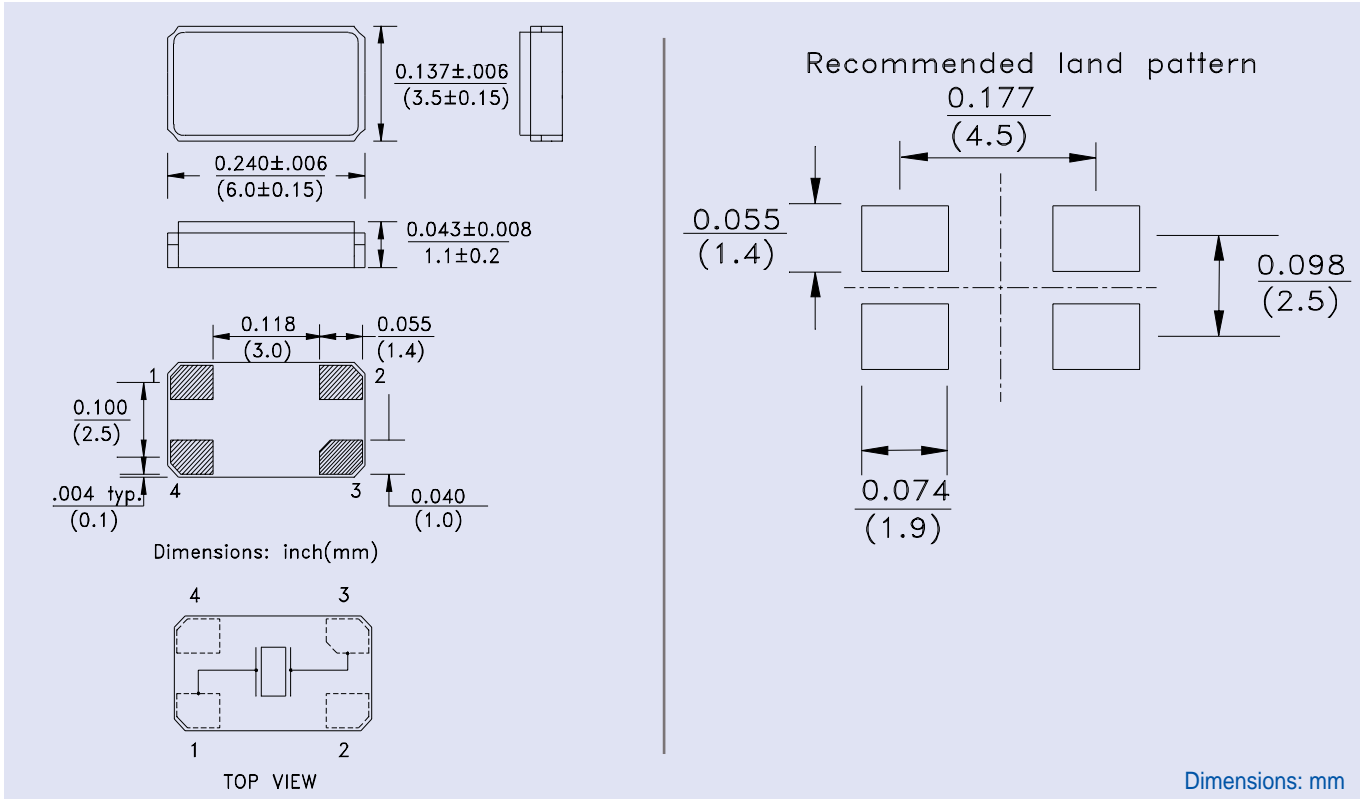
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## OUTLINE DRAWING:



## TAPE & REEL: T = Tape and reel 1,000pcs/reel

