CERAMIC SURFACE MOUNT MICROPROCESSOR CRYSTAL

ABMM





> FEATURES:

- Suitable for RoHS reflow
- Low height 1.3 mm max
- AT-strip cut offers a tight tolerance & stability

> APPLICATIONS:

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

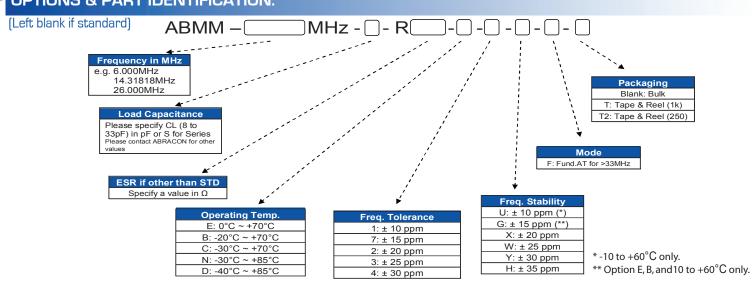
> STANDARD SPECIFICATIONS:

PARAMETERS		
ABRACON P/N	ABMM	
Frequency Range	6.0 MHz to 125 MHz	
Operation Mode	AT-cut 6.0 MHz ~ 33.0 MHz (Fundamental: Standard) 33.01 MHz - 125 MHz (Third-Overtone: Standard) 33.01 MHz ~ 50.0 MHz (Fundamental: Please spedcify. See options)	
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 options)	
Equivalent Series Resistance	See Table 1	
Shunt Capacitance C ₀	7pF max.	
Load Capacitance C _∟	18pF (see options)	
Drive Level	500μW max., 100μW typical	
Aging at 25°C (first year)	± 5ppm max.	
Insulation Resistance	500Ω min at 100Vdc ± 15V	

TABLE 1: STANDARD ESR

Frequency (MHz)	ESR (Ω) Max	Frequency (MHz)	ESR (Ω) max
6.000 - 11.999(Fund)	70	20.000 - 50.000(Fund)	40
12.000 - 20.000(Fund)	50	33.000 - 125.00(3rd O/T)	80

OPTIONS & PART IDENTIFICATION:







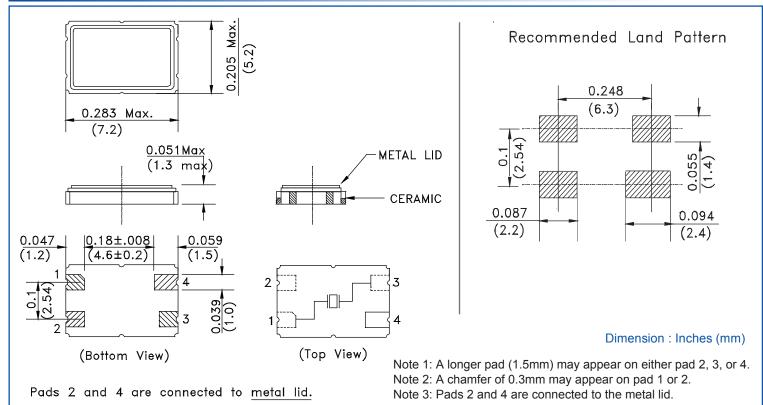
CERAMIC SURFACE MOUNT MICROPROCESSOR CRYSTAL

ABMM



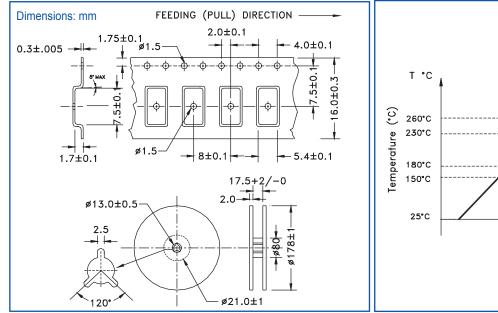


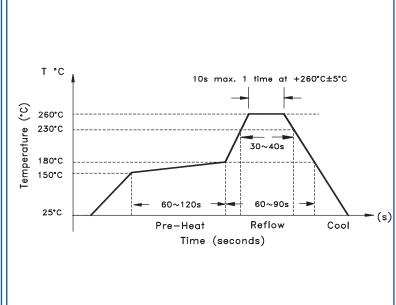
OUTLINE DRAWING:



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

REFLOW PROFILE:







Need a test socket for the ABMM Series? To view compatible **PRECISION TEST & BURN-IN SOCKETS** for these parts, **click here.**

ATTENTION: Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.



