MICROPROCESSOR AT49 4 PADS SMD CRYSTAL







> FEATURES:

- Excellent all-purpose surface-mount crystal.
- Four pad land pattern compatible with common plastic molded designs.

> APPLICATIONS:

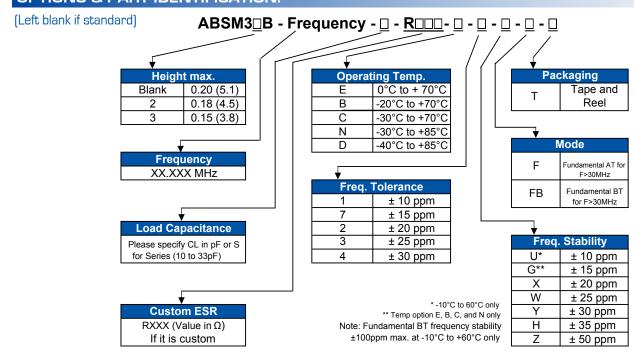
- Home electronics
- Computers, modems, and communications
- Clock applications
- Microprocessors

STANDARD SPECIFICATIONS:

PARAMETERS	
ABRACON P/N:	ABSM3B Series
Frequency:	3.579545 MHz to 60 MHz
Operation mode:	AT-strip (see options) 3.579545 MHz - 30.00 MHz (Fundamental AT) 40.00 MHz - 54.00 MHz (3rd OT AT) 30 MHz - 48.00 MHz (Fundamendal BT)
Operating temperature:	- 10°C to + 60°C (see options)
Storage temperature:	- 40°C to + 85° C
Frequency tolerance:	± 50 ppm max. (see options)
Frequency stability over	± 100 ppm max. (see options)
Equivalent series resistance (max.):	See Table 1
Shunt capacitance C0:	7.0pF max.
Load capacitance CL:	18.0pF (see option)
Drive level:	100mW max., 100μW correlation
Aging (per year) @ 25° C:	± 5 ppm max.
Insulation resistance:	500 MΩmin. at 100 Vdc ± 15 Vdc

Table 1 Standard ESR Frequency (MHz) ESR(Ω) max. 3.579545 - 3.999 180 4.000 - 4.999 150 5.000 - 6.999 100 7.000 - 14.999 50 15.000 - 50.0 (fund) 40 28.01 - 60.0 (3rd overtone) 100

OPTIONS & PART IDENTIFICATION:







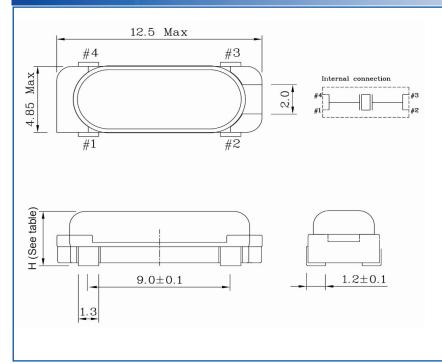
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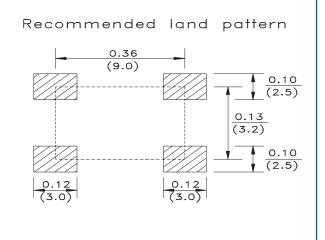






OUTLINE DRAWING:





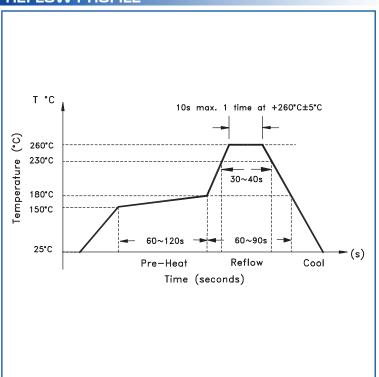
Part No	H (max.)
ABSM3B	0.20 (5.1)
ABSM32B	0.18 (4.5)
ABSM33B	0.15 (3.8)

Dimensions: Inches (mm)

> TAPE & REEL:

T= tape and reel (1,000pcs/reel) FEEDING (PULL) DIRECTION 2.0±0.1 0.3±.05 1.75±0.1 2.0±0.1 0.3±.05 1.75±0.1 2.0±

➢ REFLOW PROFILE



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