

7.0 x 5.0mm 2 PADS SURFACE MOUNT CRYSTAL

ABMMC2

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

RoHS
Compliant



7.5 x 5.0 x 1.2 mm

FEATURES:

- Reduced size drop-in replacement to 11.5 x 5.5 x 2.0mm package 2 pads crystal (Equivalent to Abracon ABC2)
- Superior heat-resistant glass sealing
- Low in height 1.2mm max.
- Suitable for RoHS reflow

APPLICATIONS:

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

STANDARD SPECIFICATIONS:

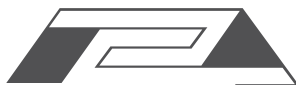
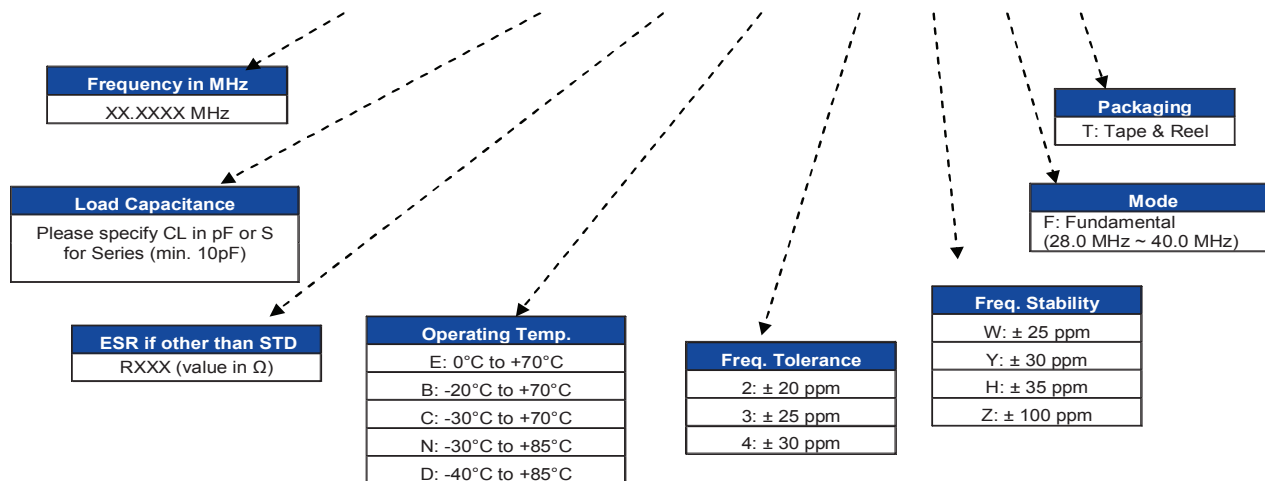
PARAMETERS	
ABRACON P/N	ABMMC2 Series
Frequency Range	6.0MHz to 84MHz 6.0 MHz ~ 28.0 MHz (Fundamental: Standard) 28.000001 MHz ~ 84.0 MHz (3rd OT: Standard) 28.0 MHz ~ 40.0 MHz (Fundamental) Option F
Operating mode	AT-cut
Operating Temperature	- 10°C to + 60°C (see options)
Storage Temperature	- 30°C 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 _L	18pF (see options)
Drive Level	100µW max., 10µW typical
Aging at 25°C First Year	± 5ppm max.
Insulation Resistance	500Mohms min at 100Vdc ± 15V

TABLE 1

Frequency (MHz)	ESR(Ω) max.
6.00-7.999 (Fund.)	80
8.00 - 9.999 (Fund.)	60
10.00 - 15.999 (Fund.)	50
16.00 - 50.00(Fund.)	40
28.000 - 84.000 (3rd O/T)	60

OPTIONS & PART IDENTIFICATION:

[Left blank if standard] ABMMC2 - [] MHz - [] -R [] - [] - [] - [] - []



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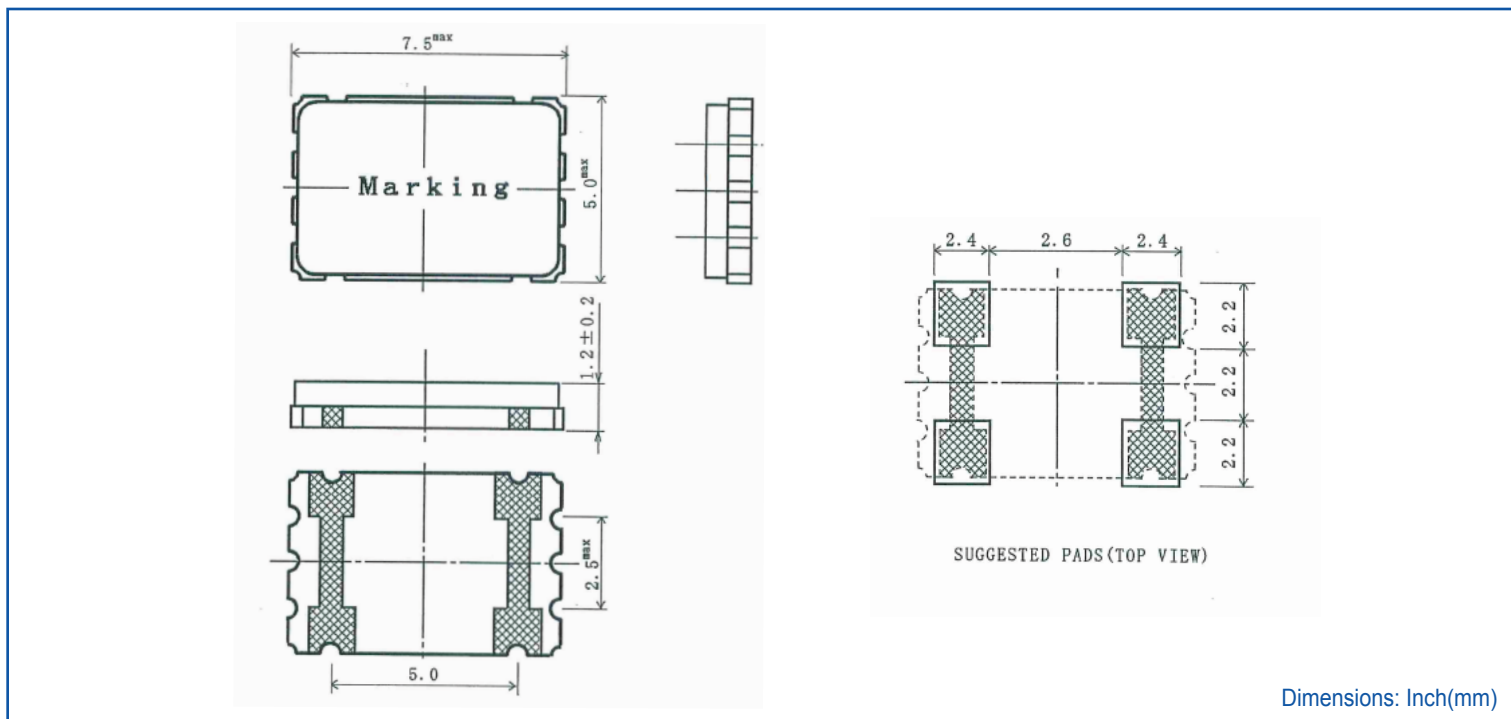
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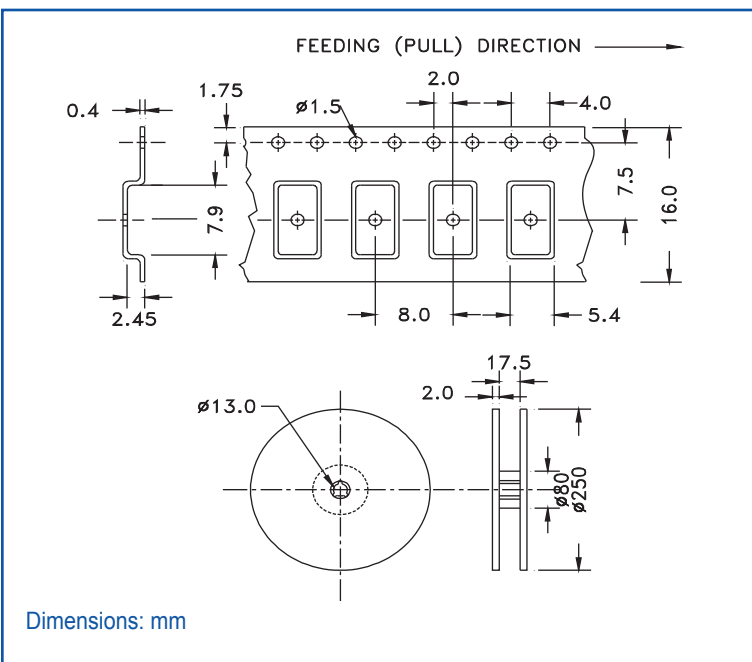


7.5 x 5.0 x 1.2 mm

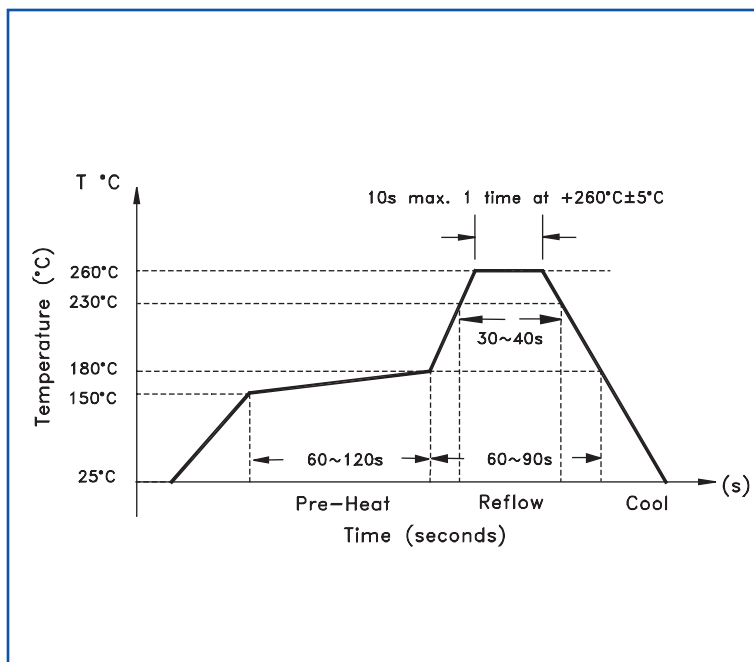
OUTLINE DIMENSIONS:



TAPE & REEL: (1,000pcs/reel)



REFLOW PROFILE:



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.

ABRACON IS
ISO9001:2008
CERTIFIED

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