

HC49/US (AT49) LOW PROFILE SMD MICROPROCESSOR CRYSTAL

ABLS3



RoHS
Compliant



Reduced height
to 2.5/2.6mm

11.4 x 4.7 x 2.5/2.6mm

➤ OPTIONS & PART IDENTIFICATION:

(Left blank if standard)

ABLS3 - MHz - - - - -

Frequency in MHz

Please specify the frequency in MHz. e.g. 14.31818MHz

Load Capacitance (pF)

Please specify CL (Minimum 10pF) in pF or S for series

Custom ESR if other than standard

⊠
⊠: Specify a value in Ω (e.g.: R40)

Operating Temp.

A: -10°C ~ +60°C

B: -20°C ~ +70°C

C: -30°C ~ +70°C

N: -30°C ~ +85°C

D: -40°C ~ +85°C

J*: -40°C ~ +105°C

K*: -40°C ~ +125°C

L*: -55°C ~ +125°C

Freq. Tolerance

H5: ± 5 ppm

1: ± 10 ppm

7: ± 15 ppm

2: ± 20 ppm

3: ± 25 ppm

4: ± 30 ppm

Packaging

Blank: Bulk

T: Tape & Reel

Oscillation Mode

F: Fund. AT>24MHz

FB: Fund. BT>24MHz

Freq. Stability

U**: ± 10 ppm

G: ± 15 ppm

X: ± 20 ppm

W: ± 25 ppm

Y: ± 30 ppm

H: ± 35 ppm

Q: ± 100 ppm

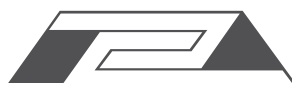
R: ± 150 ppm

NOTE: Fundamental BT frequency stability ± 100 ppm max. at -10° C to +60° C only.

* Frequency stability ± 50 ppm, ± 100 ppm, ± 150 ppm only.

** -10 to +60C only.

Contact ABRACON for tighter frequency stability.



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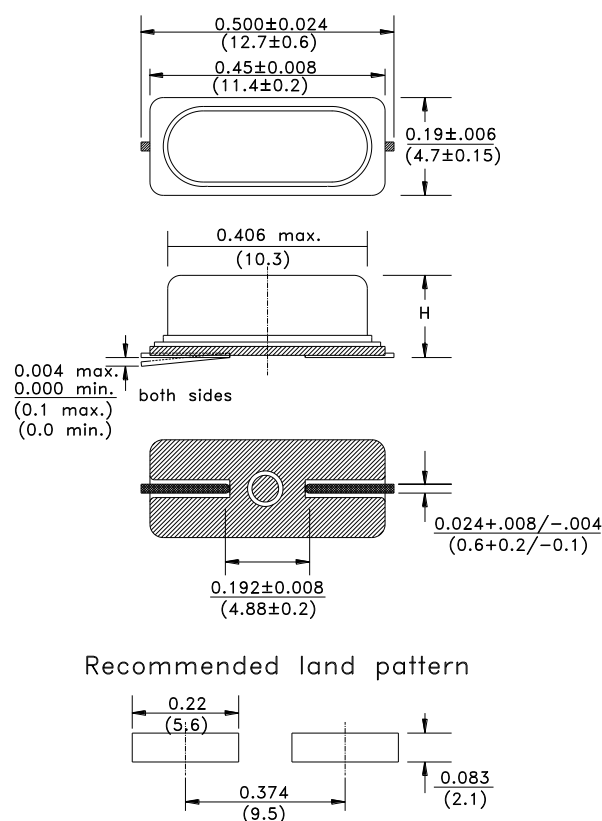
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OUTLINE DRAWING:

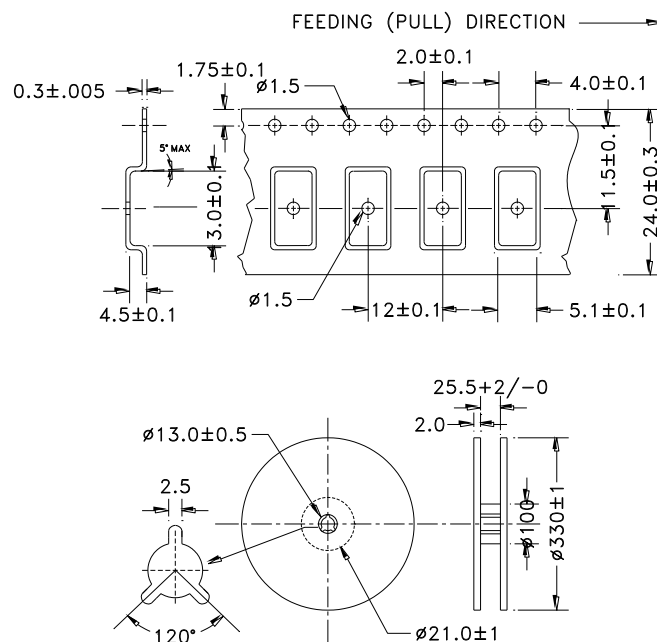


H: 2.5mm max for frequency 6MHz or higher
 2.6mm max for frequency lower than 6MHz

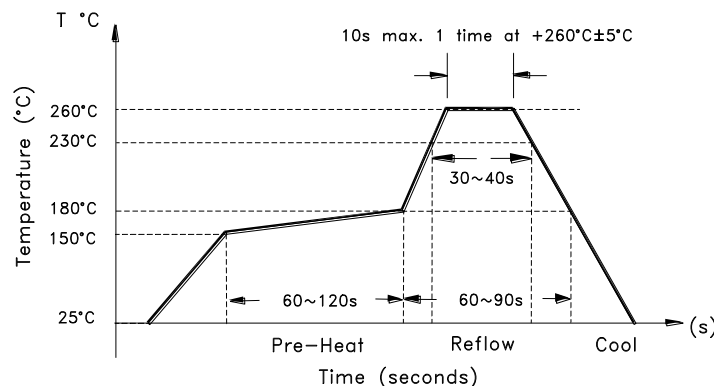
Dimensions: inches (mm)

TAPE & REEL:

T = tape and reel (1000pcs/reel)



REFLOW PROFILE:



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ABRACON IS
ISO 9001:2008
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30332 Esperanza, Rancho Santa Margarita, California 92688
 tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

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