

CERAMIC SMD ULTRA MINIATURE CONTOUR MODE QUARTZ CRYSTAL



ABM8L

3.2 x 2.5 x 0.65mm



ABM8L

FEATURES:

- Low frequencies in a Low height and Ultra Miniature Package
- Ceramic package and metal lid assures high reliability
- Tight tolerance and stability available
- High precision crystal, contour mode
- Wide frequency pullability

APPLICATIONS:

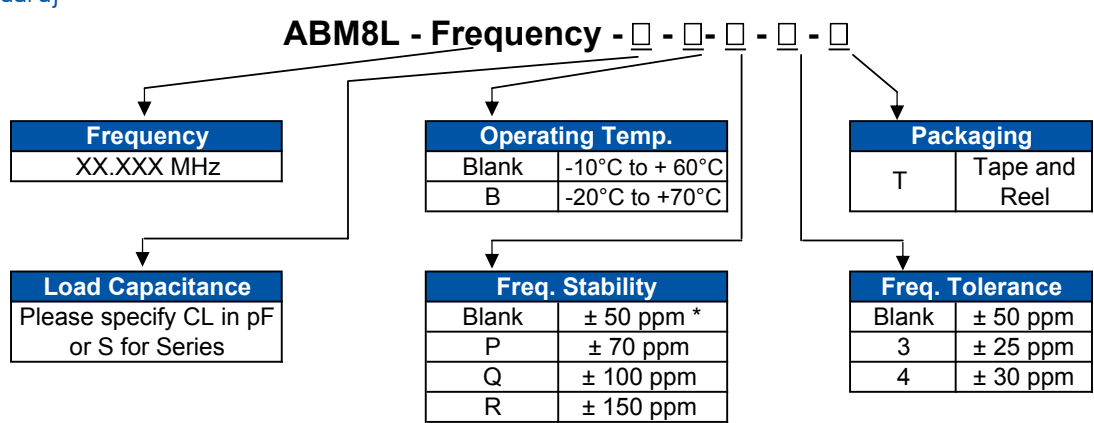
- Computers, Modems, Communication equipment
- Thin equipment
- High density applications
- Wireless Remote Control, PCMCIA, Wireless applications
- Portable games, music player

STANDARD SPECIFICATIONS:

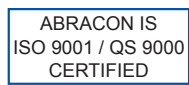
PARAMETERS	
ABRACON P/N	ABM8L
Frequency Range	3.000 MHz to 4.500 MHz
Standard Frequencies	3.579545MHz, 3.68640MHz, 4.0000MHz, 4.18560MHz, 4.194304MHz (Contact ABRACON for other frequency availabilities)
Operation Mode	Fundamental
Operating Temperature	-10°C to + 60°C (see options)
Storage Temperature	-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)	± 50ppm max. (-10 ~ +60°C only) (see options)
Equivalent Series Resistance	500 Ω max. (Ask ABRACON for tighter ESR availabilities)
Shunt Capacitance C0	7pF max
Load Capacitance CL	12pF (see options)
Drive Level	200 μW max.
Aging (first year) at 25°C ± 3°C	± 5 ppm max.
Insulation Resistance	500 MΩ min. at 100 Vdc ±15V

OPTIONS & PART IDENTIFICATION:

(Left blank if standard)



* Note: -10 ~ +60°C only
Tighter stability available for 20 ~ +70°C, please call Abracon for more details.



CERAMIC SMD ULTRA MINIATURE CONTOUR MODE QUARTZ CRYSTAL



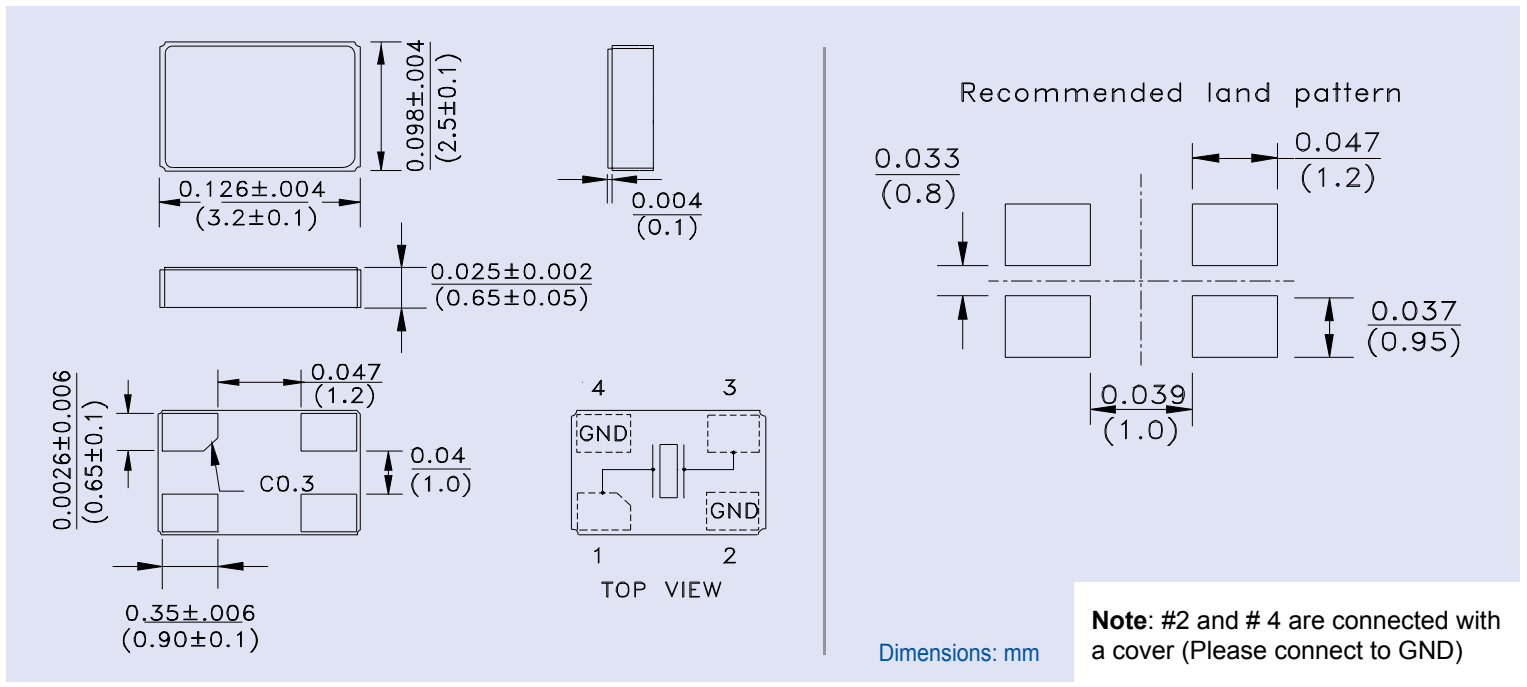
ABM8L

3.2 x 2.5 x 0.65mm

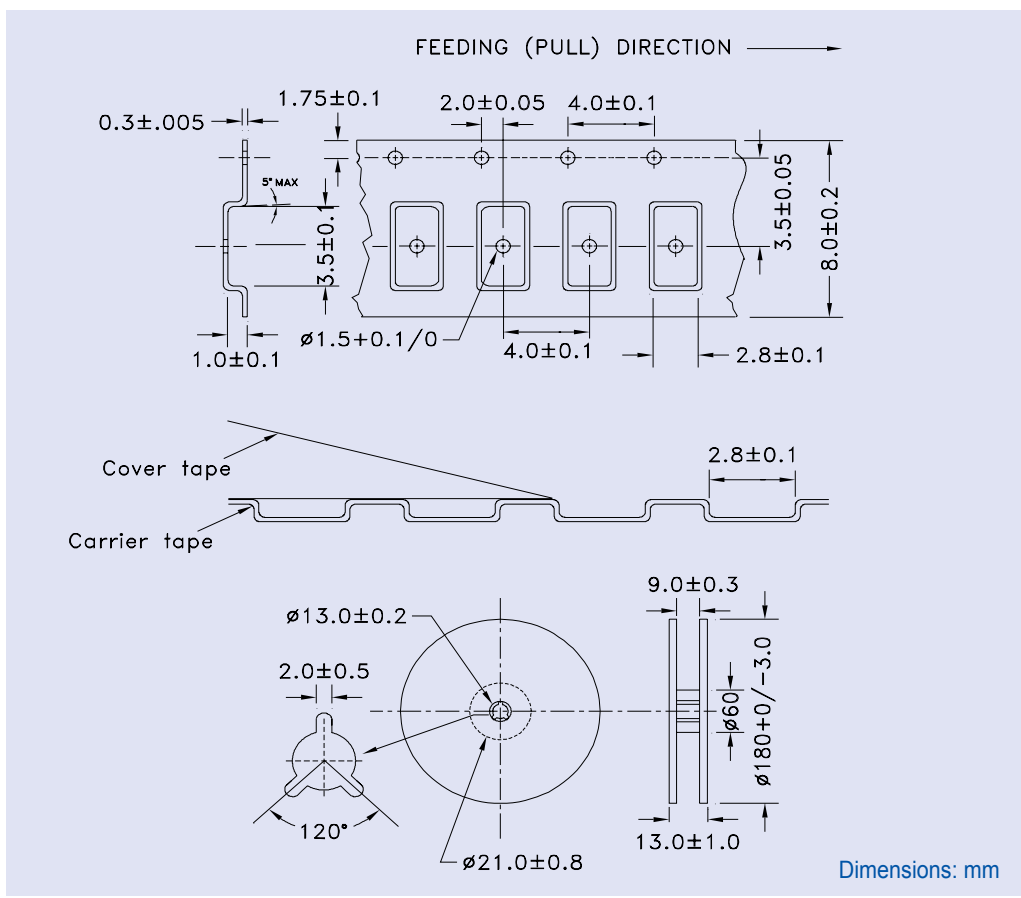


ABM8L

OUTLINE DRAWING:



TAPE & REEL:



ABRACON IS
ISO 9001 / QS 9000
CERTIFIED



REVISED: 4.05.07
30332 Esperanza, Rancho Santa Margarita, California 92688
tel 949-546-8000 | fax 949-546-8001 | www.abracon.com