

MINIATURE CERAMIC SMD CRYSTAL

ABM3

Pb in Glass, exemption 7C-I per RoHS II Directive
2011/65/EU Annex | **RoHS/RoHS II Compliant.**



5.0 X 3.2 X 1.3mm

OPTIONS AND PART IDENTIFICATION: (Left blank if standard)

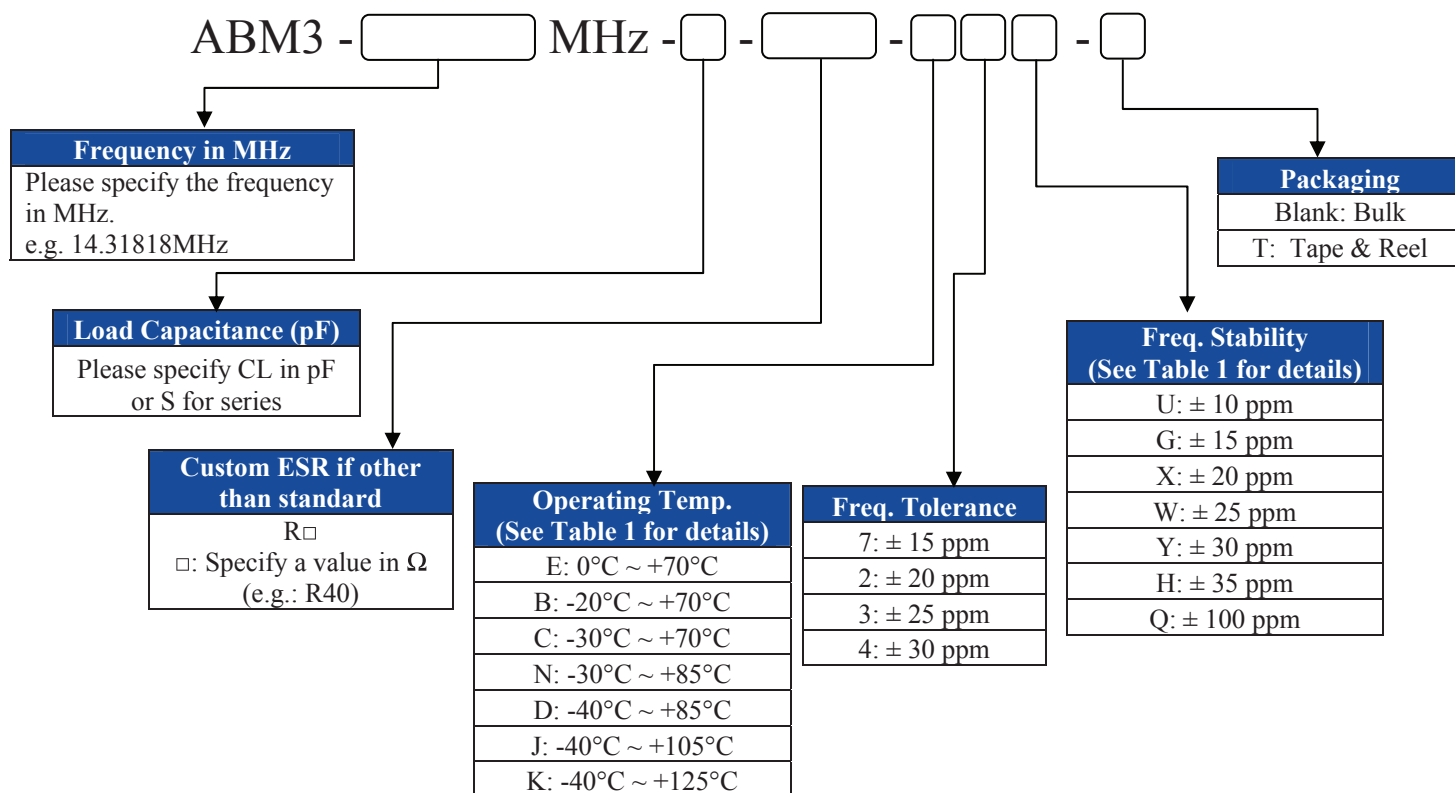


Table 1 Available Combinations of Operating Temp. and Freq. Stability

Operating Temp.	Freq. Stability							
	U:±10ppm	G:±15ppm	X:±20ppm	W:±25ppm	Y:±30ppm	H:±35ppm	Std:±50ppm	Q:±100ppm
Std: -10°C ~ +60°C	√	√	√	√	√	√	√	√
E: 0°C ~ +70°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							√	√

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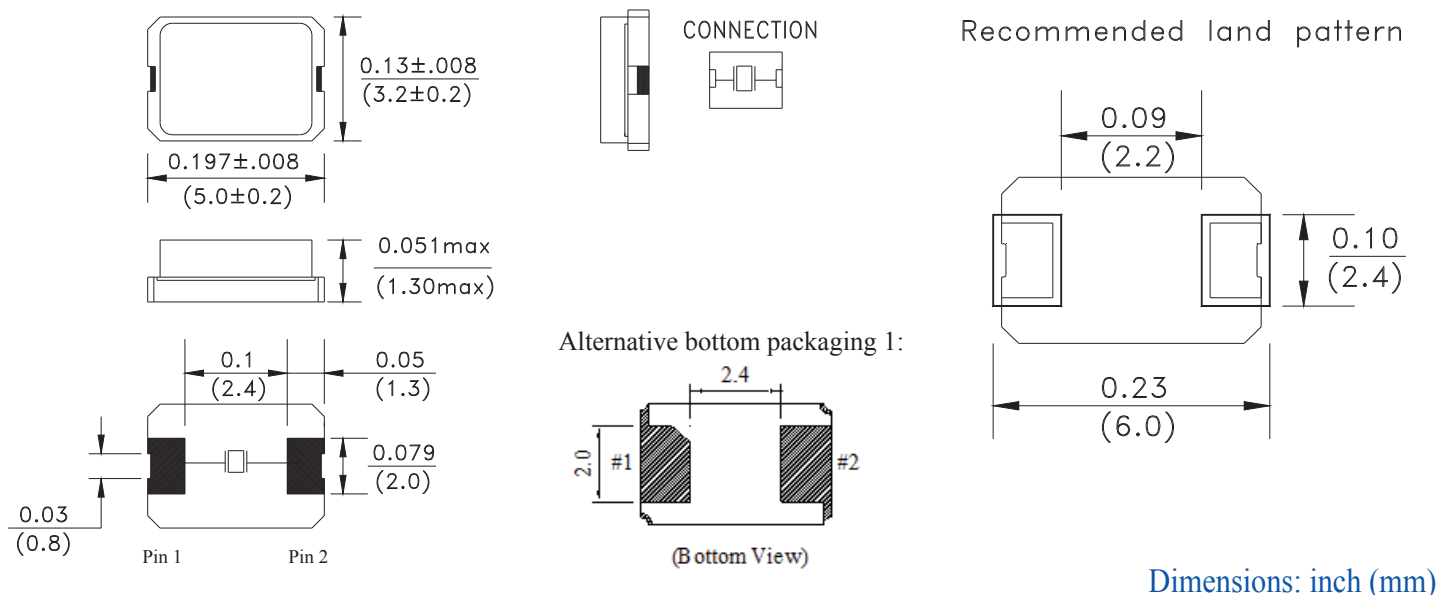
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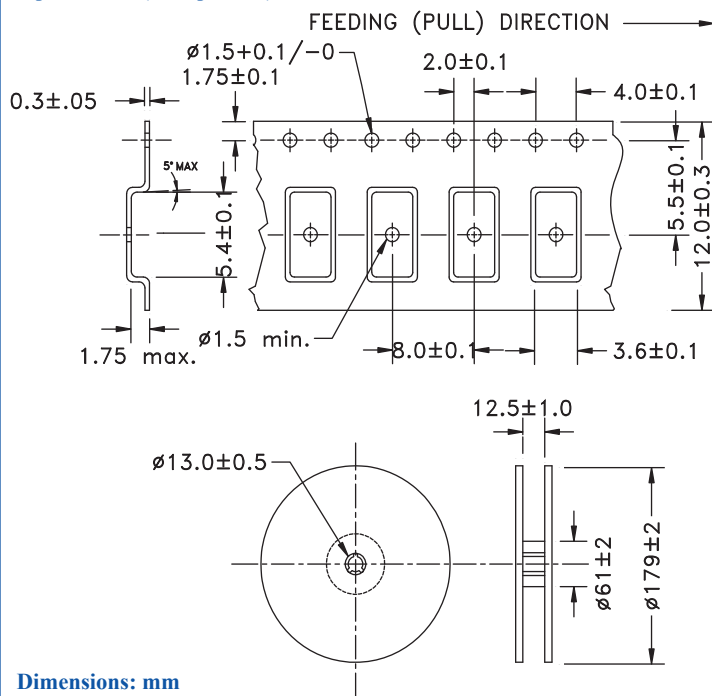
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OUTLINE DRAWING:

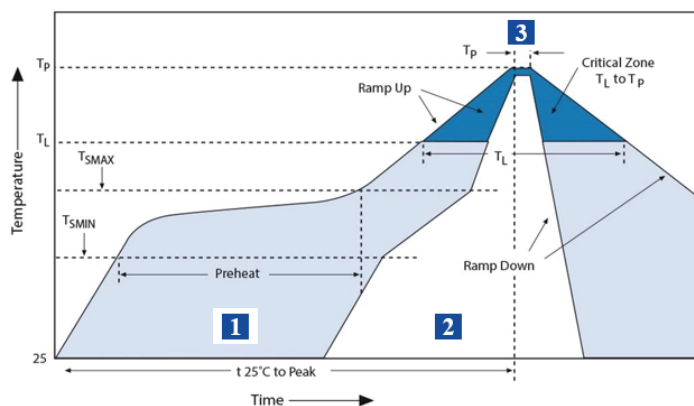


TAPE & REEL:

Tape and reel (1,000pcs/reel)



REFLOW PROFILE



Zone	Description	Temperature	Time
1	Preheat / Soak	$T_{SMIN} \sim T_{SMAX}$ $150^\circ\text{C} \sim 180^\circ\text{C}$	60 ~ 120 sec.
2	Reflow	T_L 230°C	30 ~ 40 sec.
3	Peak heat	T_p $260^\circ\text{C} \pm 5^\circ\text{C}$	10 sec. MAX.

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