

ABM3B-155-12.800 MHz



5.0 X 3.2 X 1.1 mm

RoHS/RoHS II Compliant

MSL = N/A: NOT APPLICABLE

FEATURES

- Fundamental mode
- Suitable for reflow
- Tight stability
- Ceramic package and metal lid assures high precision and reliability
- Seam sealing

APPLICATIONS

- Cellular telephones, pagers
- Communication and test equipment
- High density applications
- PCMCIA and wireless applications

STANDARD SPECIFICATIONS

PARAMETERS	MINIMUM	TYPICAL	MAXIMUM	UNITS	NOTES
Center Frequency	12.800			MHz	
Operation Mode	Fundamental				
Operating Temperature	-40		+85	°C	
Storage Temperature	-40		+85	°C	
Frequency Tolerance @ 25°C	-10		+10	ppm	
Frequency Stability over the Operating Temperature (ref. to +25°C)	-20		+20	ppm	
Equivalent series resistance (R1)			70	Ω	
Shunt capacitance (C0)			7	pF	
Load capacitance (CL)	16			pF	
Drive Level		10	100	μW	
Aging	-5		+5	ppm	First year@25°C±3°C
Insulation Resistance	500			MΩ	@ 100Vdc±15V

OPTIONS AND PART IDENTIFICATION (LEFT BLANK IF STANDARD)

ABM3B-155-12.800MHZ -

PACKAGING
Blank: Bulk
T: 1Kpcs/Reel



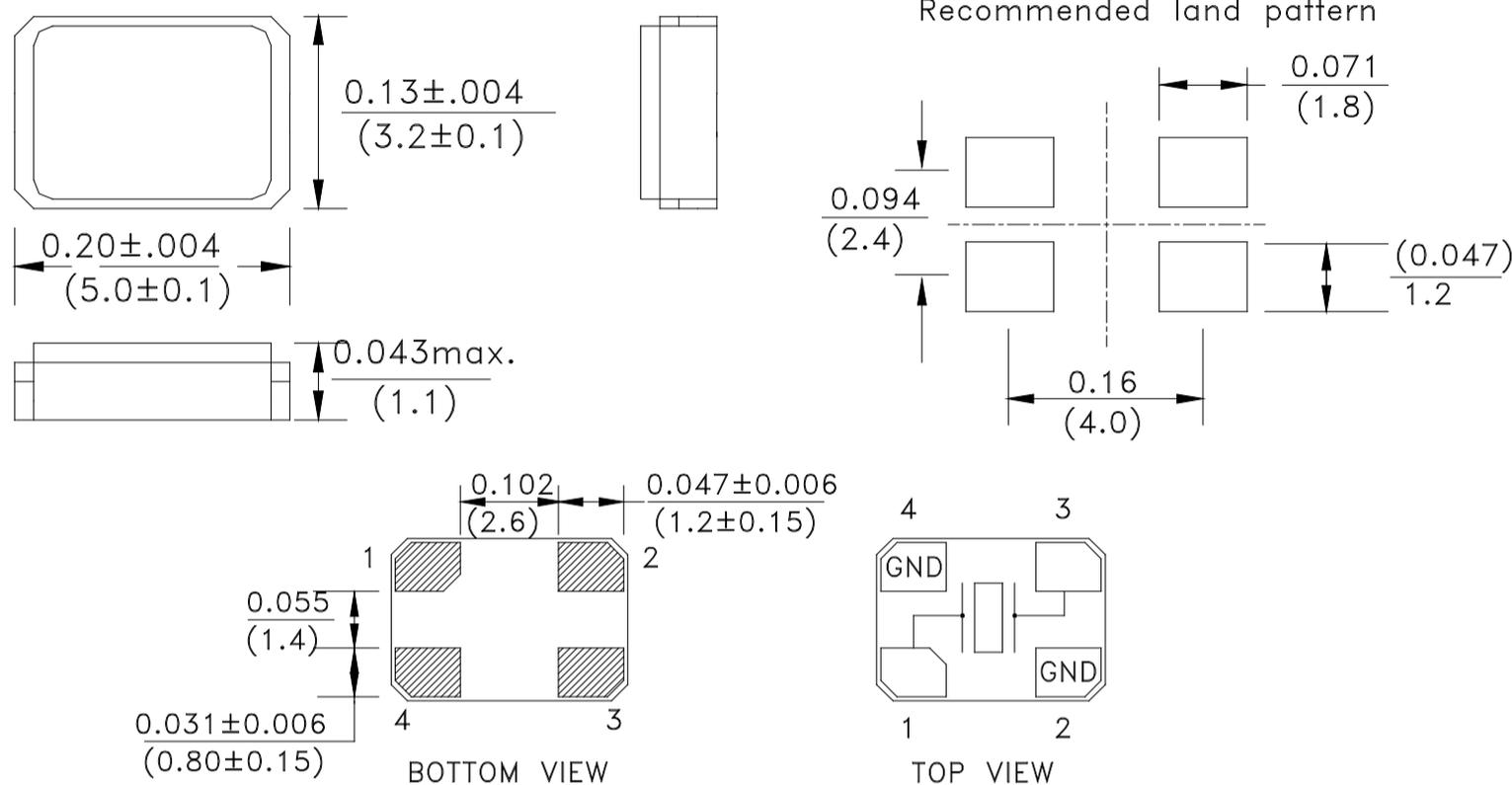
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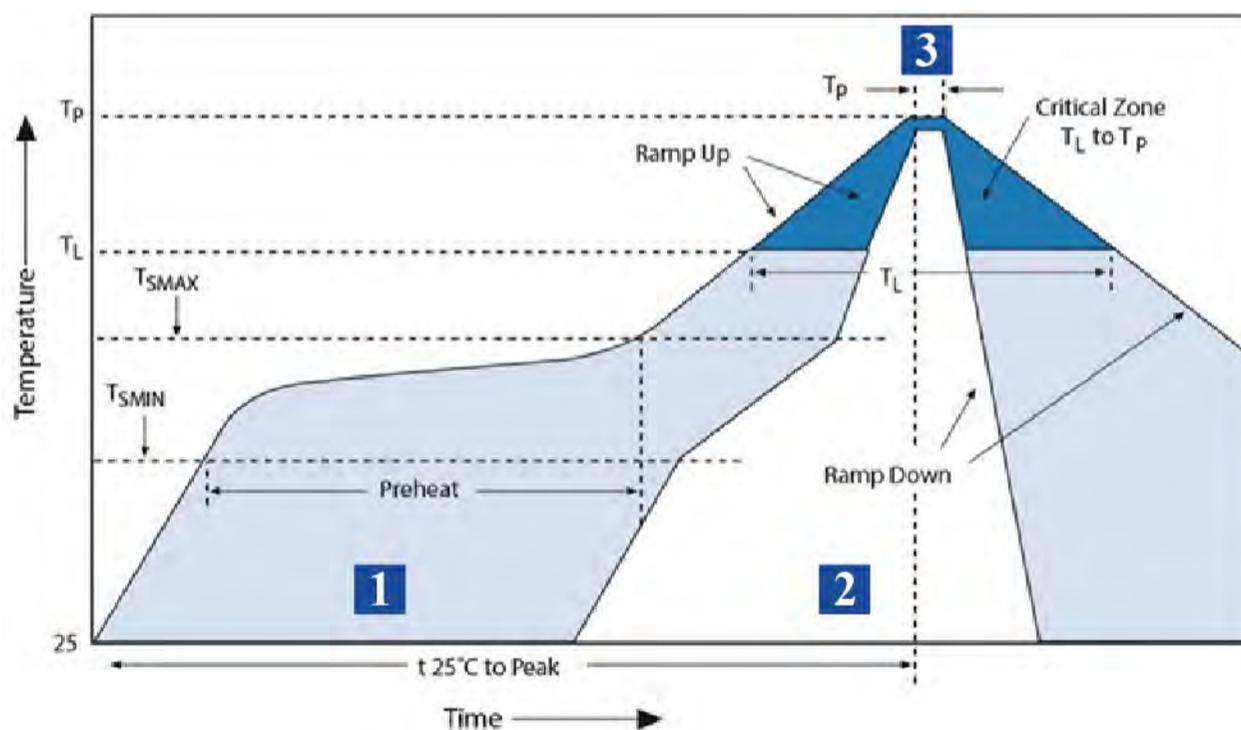
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MECHANICAL DIMENSIONS: INCHES (mm)



REFLOW PROFILE



Zone	Description	Temperature	Time
1	Preheat	$T_{SMIN} \sim T_{SMAX}$ 150°C ~ 180°C	60 ~ 120 sec.
2	Reflow	T_L 230°C	30 ~ 40 sec.
3	Peak Heat	T_p 260°C	10 sec. MAX