

CERAMIC SMD MICROPROCESSOR CRYSTAL

ABM2

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

RoHS
Compliant



8.0 x 4.5 x 1.4mm

Moisture Sensitivity Level (MSL) –This product is Hermetically Sealed and not Moisture Sensitive -MSL = N/A: Not Applicable

FEATURES:

- Low in height; suitable for thin equipment
- Glass sealed package assures high reliability and high temperature operation
- Tight tolerance and stability available
- Suitable for RoHS compliant reflow
- Low cost glass sealed crystal solution

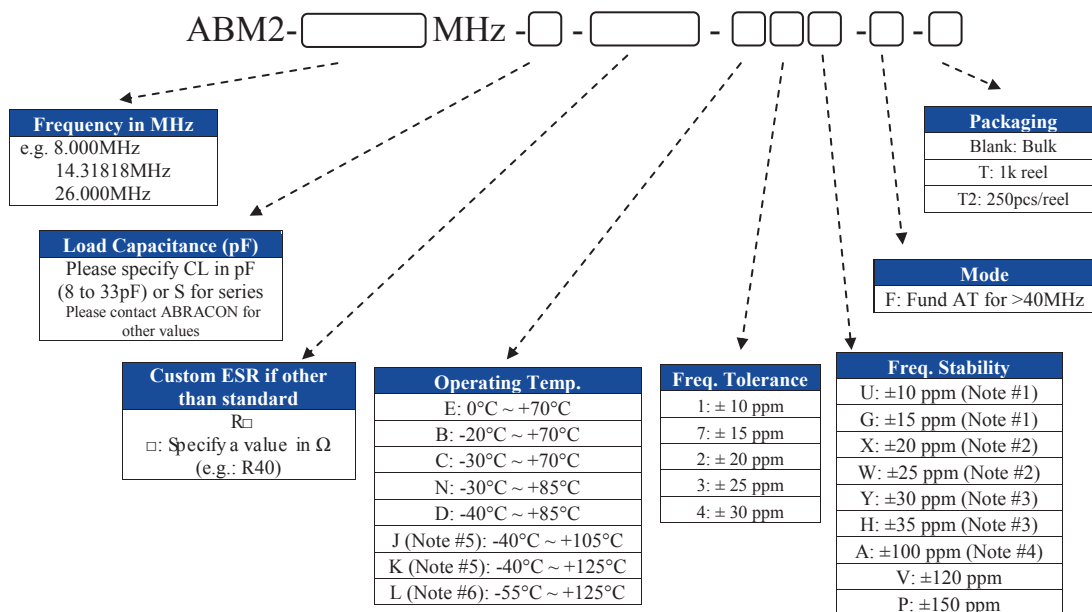
APPLICATIONS:

- High density applications
- Modems, communication and test equipment
- PCMCIA, Wireless applications
- Microprocessor crystals

STANDARD SPECIFICATIONS:

Parameters	Minimum	Typical	Maximum	Units	Notes
Frequency Range	8.000	-----	100.000		Fundamental
Operation mode	8.000	-----	40.000	MHz	Fundamental AT-cut (Standard)
	40.001	-----	100.000		3 rd OT AT-cut (Standard)
	40.001	-----	60.000		Fundamental AT-cut (See options)
Operating Temperature	-10	-----	+60	°C	See options
Storage Temperature	-40	-----	+85	°C	
Frequency Tolerance @+25°C	-50	-----	+50	ppm	See options
Frequency Stability over the Operating Temperature (ref. to +25°C)	-50	-----	+50	ppm	See options
Equivalent series resistance (R1)	-----	-----	100	Ω	8.000 – 10.000999MHz (Fundamental)
	-----	-----	60		10.001 – 15.999999MHz (Fundamental)
	-----	-----	50		16.000 – 60.000999MHz (Fundamental)
	-----	-----	70		40.000 – 100.000999MHz (3 rd OT)
Shunt capacitance (C0)	-----	-----	7	pF	-----
Load capacitance (CL)	-----	18	-----	pF	See options
Drive Level	-----	10	100	μW	
Aging @ 25°C±3°C	-----	-----	±5	ppm	First year
Insulation Resistance	500	-----	-----	MΩ	@ 100Vdc

OPTIONS AND PART IDENTIFICATION: (Left blank if standard)



ABRACON IS
ISO9001:2008
CERTIFIED



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