

CERAMIC SMD CRYSTAL



ABM3C

RoHS/RoHS II Compliant

5.0 x 3.2 x 1.3mm

ABM3C Series products with the Date Code/Traceability Code marking ending in "X" are Glass-Sealed and the following RoHS Exemption applies: Pb in Glass, exemption 7C-I per RoHS II Directive 2011/65/EU Annex

ABM3C Series products with the Date Code/Traceability Code marking ending in "C" and "F" are Seam-Sealed and are Pb-Free.

Moisture Sensitivity Level – MSL – N/A (The ABM3C Series is a Hermetically Sealed device and not moisture sensitive)

➤ **FEATURES:**

- Low height; suitable for thin equipment.
- New seam sealed package available (code "C")
- Tight tolerance and stability available.
- Suitable for RoHS compliant reflow profile

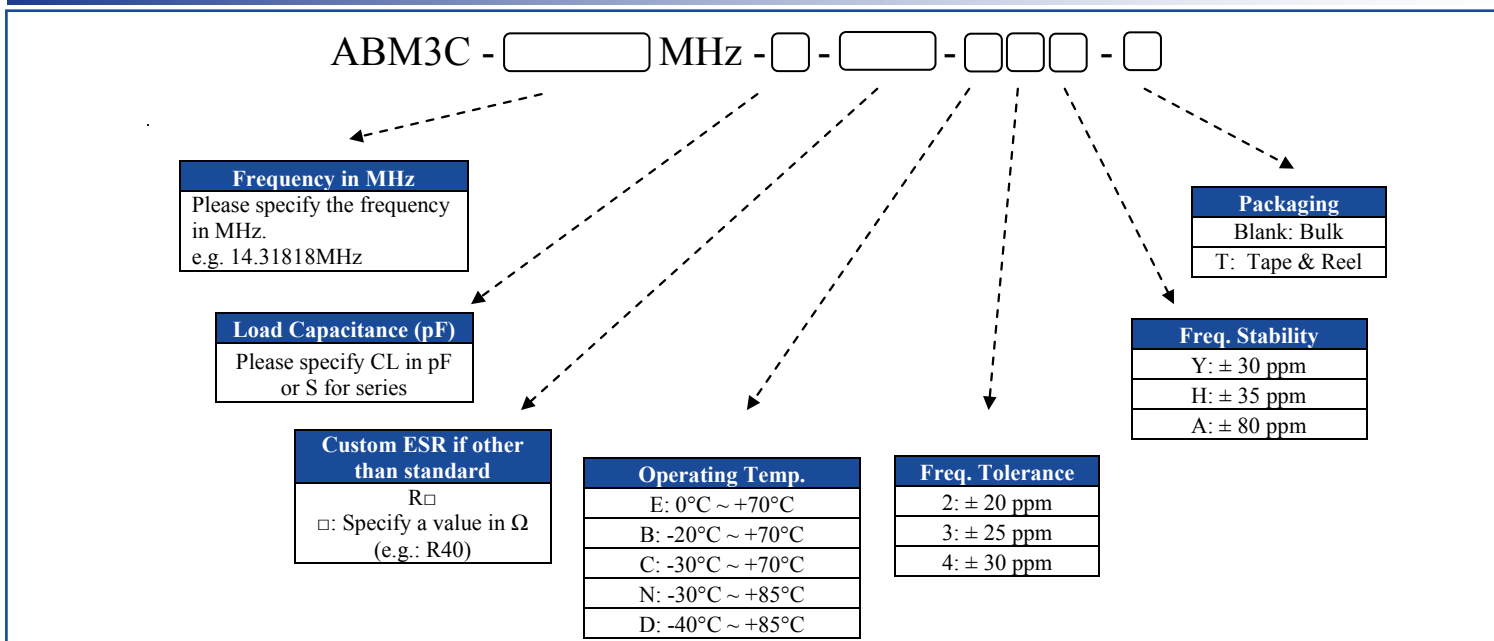
➤ **APPLICATIONS:**

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

➤ **STANDARD SPECIFICATIONS:**

Parameters	Minimum	Typical	Maximum	Units	Notes
Frequency Range	10.000		50.000	MHz	Fundamental
Operation Mode	Fundamental				
Operating Temperature	-10		+70	°C	See options
Storage Temperature	-40		+90	°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)			60	Ω	10.000 – 15.999MHz
			50		16.000 – 50.000MHz
Shunt capacitance (C0)			7	pF	
Load capacitance (CL)		18		pF	Standard (See options if other than STD)
Drive Level		10	100	μW	
Aging	-5		+5	ppm	@25°C±3°C First year
Insulation Resistance	500			MΩ	@ 100Vdc ± 15V

➤ **OPTIONS & PART IDENTIFICATION:** (Left blank if standard)



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

ABRACON:

[ABM3C-10.000MHZ-D4Y-T](#) [ABM3C-11.0592MHZ-D4Y-T](#) [ABM3C-12.000MHZ-D4Y-T](#) [ABM3C-13.000MHZ-D4Y-T](#)
[ABM3C-13.560MHZ-D4Y-T](#) [ABM3C-14.31818MHZ-D4Y-T](#) [ABM3C-14.7456MHZ-D4Y-T](#) [ABM3C-15.000MHZ-D4Y-T](#)
[ABM3C-16.000MHZ-D4Y-T](#) [ABM3C-16.384MHZ-D4Y-T](#) [ABM3C-19.6608MHZ-D4Y-T](#) [ABM3C-20.000MHZ-D4Y-T](#)
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[ABM3C-27.000MHZ-D4Y-T](#) [ABM3C-36.000MHZ-D4Y-T](#) [ABM3C-25.000MHz-B-4-Y-T](#)