

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

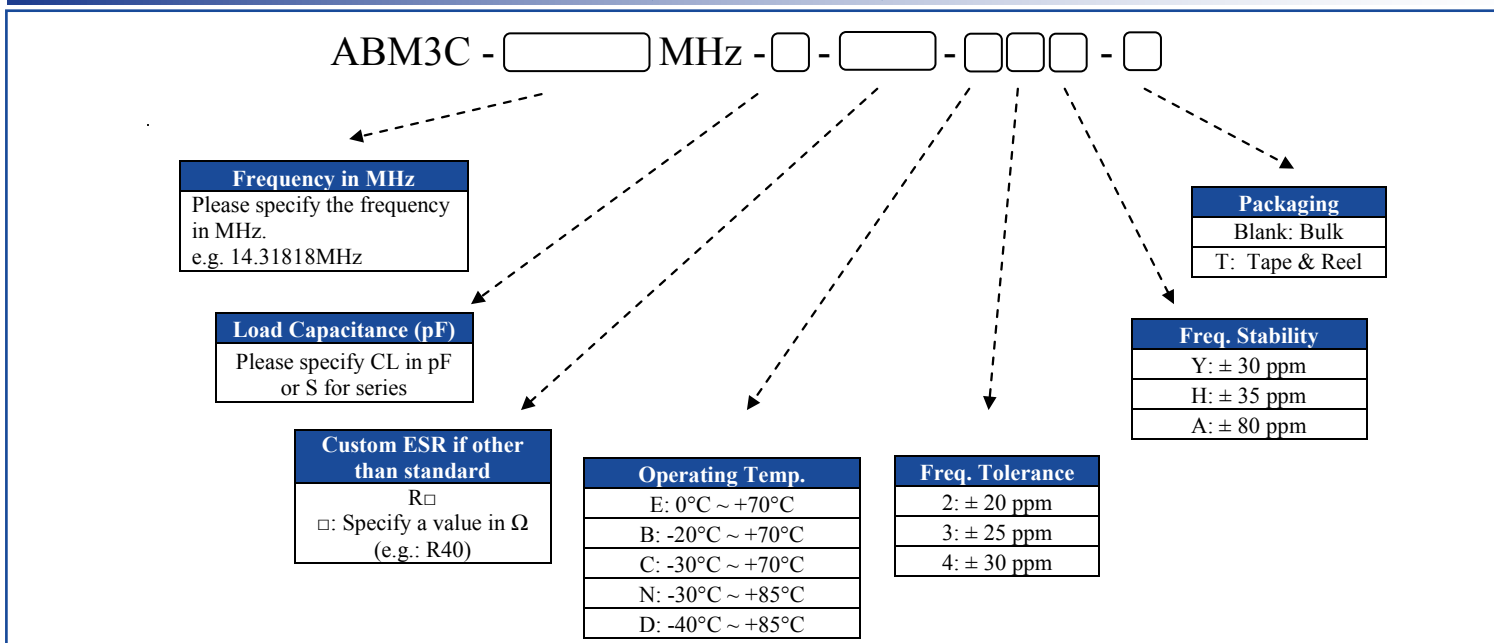
➤ **APPLICATIONS:**

- 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)



CERAMIC SMD CRYSTAL

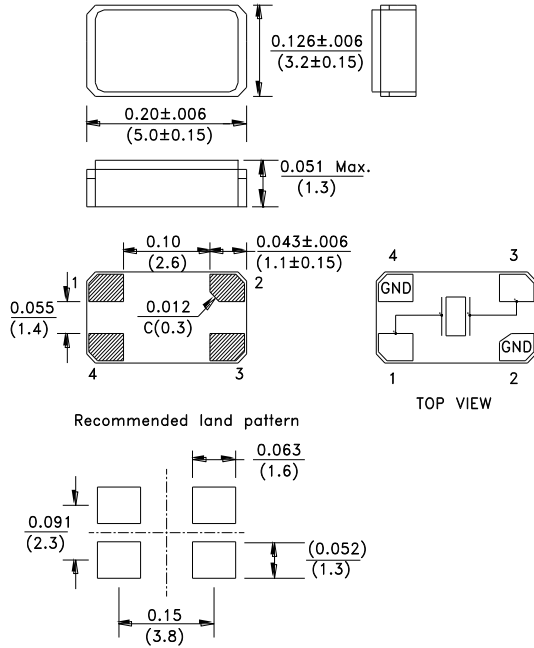


RoHS/RoHS II Compliant

5.0 x 3.2 x 1.3mm

ABM3C

OUTLINE DRAWING:

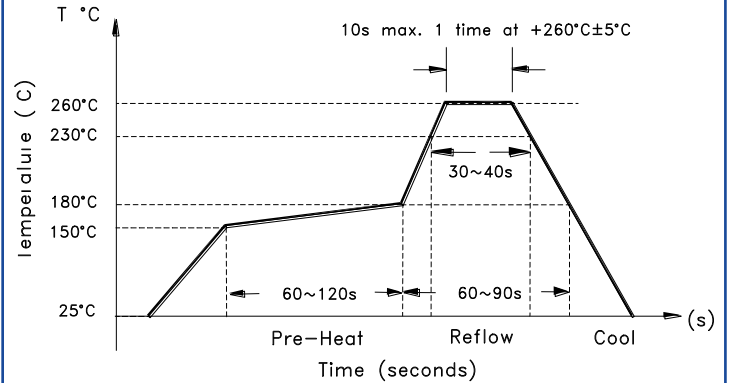


Sealing Method :

Glass Sealing for parts with Traceability Code ending in "X"
 Seam Sealing for parts with Traceability Code ending in "C" and "F"

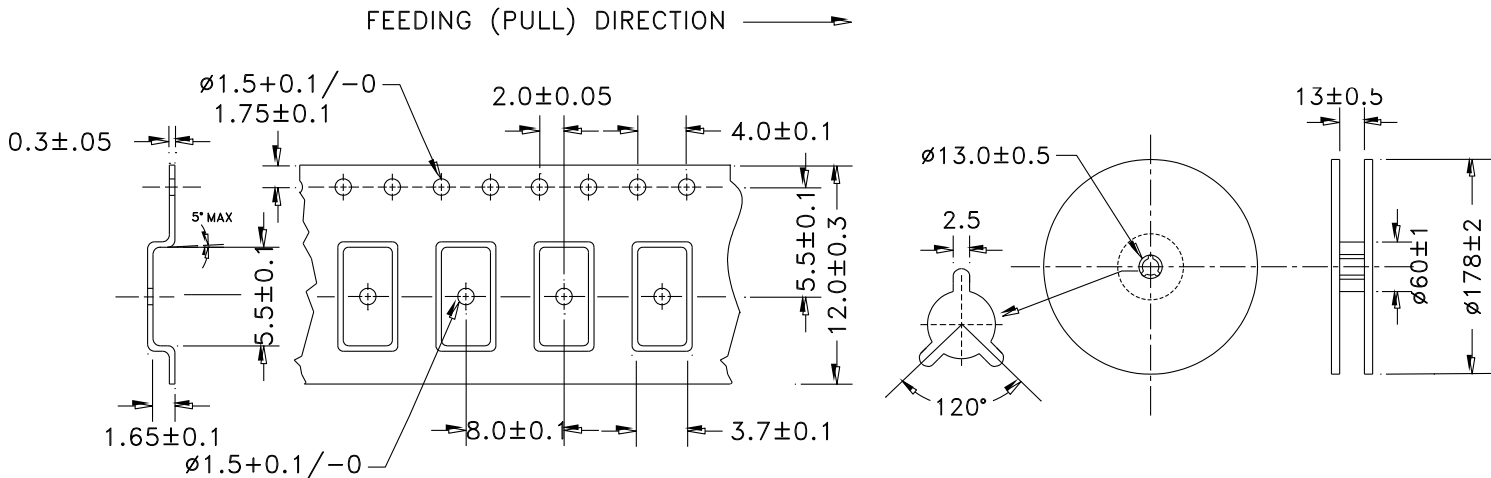
Dimensions: inches (mm)

REFLOW PROFILE:



TAPE & REEL:

1000pcs/reel



Dimensions: mm

ATTENTION: Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.

ABRACON IS
 ISO9001:2008
 CERTIFIED



Visit www.abracon.com for Terms & Conditions of Sale **Revised: 07.31.14**

30332 Esperanza, Rancho Santa Margarita, California 92688

tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Crystals](#) category:

Click to view products by [Abracon](#) manufacturer:

Other Similar products are found below :

[MC405 32.0000K-R3:PURE SN](#) [7B-27.000MBBK-T](#) [MP1-8.0 99-BU](#) [9B-15.360MBBK-B](#) [PTX-A2JM-10.000M](#) [9C-7.680MBBK-T](#) [H10S-12.000-18-EXT-TR](#) [R38-32.768-12.5-5PPM-NPB](#) [BTD1062E05A-513](#) [21U15A-21.4MHZ](#) [RTX-781DF1-S-20.950](#) [LFXTAL066198Cutt](#) [9C-14.31818MBBK-T](#) [A-11.000MHZ-27](#) [SPT2A-.032768B](#) [SPT2A.032768G](#) [SSPT7F-9PF20-R](#) [FX325BS-38.88EEM1201](#) [MP-1-25.000MHZ-3L](#) [MP-1-6.000MHZ](#) [LFXTAL065253Cutt](#) [LFXTAL066431Cutt](#) [XT9S20ANA14M7456](#) [XT9SNLANA16M](#) [646G-24-2](#) [7B-30.000MBBK-T](#) [6504-202-1501](#) [6526-202-1501](#) [BTJ120E02C](#) [SG636PCE-20.000MC](#) [3404](#) [ABL-4.000MHZ-DI](#) [C1E-24.000-7-2020-R](#) [C1E-19.200-12-1530-X-R](#) [C1E-16.000-12-1530-X-R](#) [FL5000014](#) [EUCA18-3.1872M](#) [425F35E027M0000](#) [17196](#) [MS3V-T1R-32.768kHz-7pF-20PPM-TA-QC-Au](#) [VXM7-1C1-16M000](#) [MS1V-T1K-32.768kHz-10pF-20PPM-TA-QC-Au](#) [MS1V-T1K-32.768kHz-12.5pF-20PPM-TA-QC-Au](#) [MS3V-T1R-32.768kHz-9pF-20PPM-TA-QC-Au](#) [17000](#) [17301](#) [16875](#) [ECS-80-18-30B-JEM-TR](#) [ECS-100-10-30B-CKL-TR](#)