

# ABRACON SMD Crystals and Oscillators

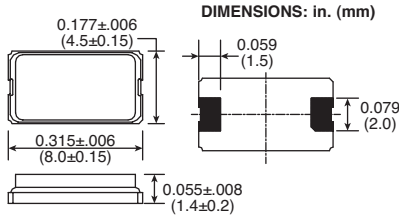


## ABM2 SERIES SMD MICROPROCESSOR CRYSTALS

This product is RoHS compliant.

### 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



For quantities greater than listed, call for quote.

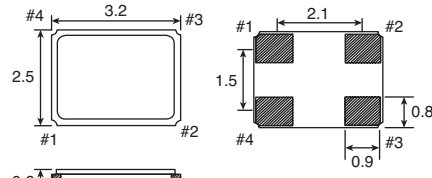
MOUSER STOCK NO.	Abracon Part No.	Freq. (MHz.)	Price Each			
			1	10	50	100
815-ABM2-10-D4Y-T	ABM2-11.0592MHZ-D4Y-T	11.05920	.69	.58	.52	.46
815-ABM2-11.05-D4Y-T	ABM2-12.000MHZ-D4Y-T	12.00000	.69	.58	.52	.46
815-ABM2-14.3-D4Y-T	ABM2-14.31818MHZ-D4Y-T	14.31818	.69	.58	.52	.46
815-ABM2-14.7-D4Y-T	ABM2-14.7456MHZ-D4Y-T	14.74560	.69	.58	.52	.46
815-ABM2-16-D4Y-T	ABM2-16.000MHZ-D4Y-T	16.00000	.69	.58	.52	.46
815-ABM2-18.4-D4Y-T	ABM2-18.432MHZ-D4Y-T	18.43200	.69	.58	.52	.46
815-ABM2-20-D4Y-T	ABM2-20.000MHZ-D4Y-T	20.00000	.69	.58	.52	.46
815-ABM2-24-D4Y-T	ABM2-24.000MHZ-D4Y-T	24.00000	.69	.58	.52	.46
815-ABM2-25-D4Y-T	ABM2-25.000MHZ-D4Y-T	25.00000	.69	.58	.52	.46
815-ABM2-26-D4Y-T	ABM2-26.000MHZ-D4Y-T	26.00000	.69	.58	.52	.46
815-ABM2-27-D4Y-T	ABM2-27.000MHZ-D4Y-T	27.00000	.69	.58	.52	.46
815-ABM2-30-D4YF-T	ABM2-30.000MHZ-D4YF-T	30.00000	.69	.58	.52	.46



## ABM8X SERIES SMD ULTRA MINIATURE, HIGH STABILITY CRYSTALS

### Features:

- -40°C to +125°C wide operating temperature range
- ±40ppm Max. All Inclusive frequency stability over 10-year product life
- Fundamental Mode, low ESR Quartz design
- Ultra miniature, Seam-Sealed, RoHS compliant reflow-able package



DIMENSIONS: in. (mm)

Pin function:  
#1 crystal connection  
#2 GND  
#3 crystal connection  
#4 GND

For quantities greater than listed, call for quote.

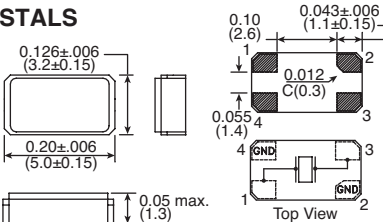
MOUSER STOCK NO.	Abracon Part No.	Freq. (MHz.)	Price Each			
			1	10	50	100
815-ABM8X-101-24.0-T	ABM8X-101-24.000MHZ-T	24.00000	9.42	7.85	7.07	6.28
815-ABM8X-102-32.0-T	ABM8X-102-32.000MHZ-T	32.00000	9.63	8.03	7.22	6.42



## ABM3C SERIES SMD ULTRA MINIATURE CRYSTALS

### 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 reflow profile



DIMENSIONS: in. (mm)

For quantities greater than listed, call for quote.

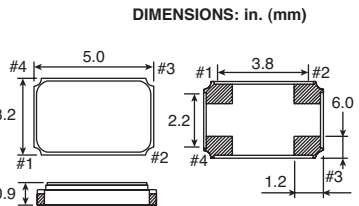
MOUSER STOCK NO.	Abracon Part No.	Freq. (MHz.)	Price Each			
			1	10	50	100
815-ABM3C-10-D4YT	ABM3C-10.000MHZ-D4Y-T	10.00000	.90	.75	.68	.60
815-ABM3C-11.05-D4YT	ABM3C-11.0592MHZ-D4Y-T	11.00000	.90	.75	.68	.60
815-ABM3C-12-D4YT	ABM3C-12.000MHZ-D4Y-T	12.00000	.90	.75	.68	.60
815-ABM3C-12.28-D4YT	ABM3C-12.288MHZ-D4Y-T	12.28800	.90	.75	.68	.60
815-ABM3C-13-D4YT	ABM3C-13.000MHZ-D4Y-T	13.00000	.90	.75	.68	.60
815-ABM3C-13.56-D4YT	ABM3C-13.560MHZ-D4Y-T	13.56000	.90	.75	.68	.60
815-ABM3C-14.31-D4YT	ABM3C-14.31818MHZ-D4Y-T	14.31818	.90	.75	.68	.60
815-ABM3C-14.74-D4YT	ABM3C-14.7456MHZ-D4Y-T	14.74560	.90	.75	.68	.60
815-ABM3C-15-D4YT	ABM3C-15.000MHZ-D4Y-T	15.00000	.90	.75	.68	.60
815-ABM3C-16-D4YT	ABM3C-16.000MHZ-D4Y-T	16.00000	.90	.75	.68	.60
815-ABM3C-16.38-D4YT	ABM3C-16.384MHZ-D4Y-T	16.38400	.90	.75	.68	.60
815-ABM3C-18.43-D4YT	ABM3C-18.432MHZ-D4Y-T	18.43200	.90	.75	.68	.60
815-ABM3C-19.66-D4YT	ABM3C-19.6608MHZ-D4Y-T	19.66080	.90	.75	.68	.60
815-ABM3C-20-D4YT	ABM3C-20.000MHZ-D4Y-T	20.00000	.90	.75	.68	.60
815-ABM3C-22.11-D4YT	ABM3C-22.1184MHZ-D4Y-T	22.11840	.90	.75	.68	.60
815-ABM3C-24-D4YT	ABM3C-24.000MHZ-D4Y-T	24.00000	.90	.75	.68	.60
815-ABM3C-24.57-D4YT	ABM3C-24.576MHZ-D4Y-T	24.57600	.90	.75	.68	.60
815-ABM3C-25-D4YT	ABM3C-25.000MHZ-D4Y-T	25.00000	.90	.75	.68	.60
815-ABM3C-26-D4YT	ABM3C-26.000MHZ-D4Y-T	26.00000	.90	.75	.68	.60
815-ABM3C-27-D4YT	ABM3C-27.000MHZ-D4Y-T	27.00000	.90	.75	.68	.60
815-ABM3C-29.49-D4YT	ABM3C-29.4912MHZ-D4Y-T	29.49120	.90	.75	.68	.60
815-ABM3C-30-D4YF-T	ABM3C-30.000MHZ-D4YF-T	30.00000	.90	.75	.68	.60
815-ABM3C-32-D4YF-T	ABM3C-32.000MHZ-D4YF-T	32.00000	.90	.75	.68	.60
815-ABM3C-33-D4YF-T	ABM3C-33.000MHZ-D4YF-T	33.00000	.90	.75	.68	.60
815-ABM3C-36-D4YF-T	ABM3C-36.000MHZ-D4YF-T	36.00000	.90	.75	.68	.60
815-ABM3C-40-D4YF-T	ABM3C-40.000MHZ-D4YF-T	40.00000	.90	.75	.68	.60
815-ABM3C-48-D4YF-T	ABM3C-48.000MHZ-D4YF-T	48.00000	.90	.75	.68	.60



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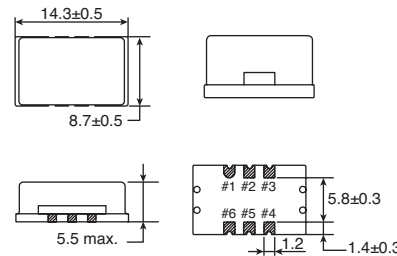
MOUSER STOCK NO.	Abracon Part No.	Freq. (MHz.)	Price Each			
			1	10	50	100
815-ABM3X-101-24.0-T	ABM3X-101-24.000MHZ-T	24.00000	7.32	6.10	5.49	4.88
815-ABM3X-102-32.0-T	ABM3X-102-32.000MHZ-T	32.00000	7.47	6.23	5.60	4.98



## ABLJO SERIES LOW JITTER CRYSTAL OSCILLATORS

### Features:

- High "Q", 3rd Overtone Crystal Technology
- Ultra Low Jitter performance 0.10ps Max. (12kHz to 20MHz)
- Standard LVCMOS RF Output
- Wide Operating Temperature (-40°C to +85°C) standard
- ±40ppm Max. All Inclusive Stability (including Aging) over 10-years
- (17) Standard Frequencies between 80MHz & 200MHz
- 9x14mm RoHS Compliant SMT package



DIMENSIONS: in. (mm)

Connection:  
#1 V.C  
#2 NC  
#3 GND  
#4 Output  
#5 N.C.  
#6 Vcc

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Freq. (MHz.)	Price Each			
			1	10	50	100
<b>Fixed Frequency</b>						
815-ABLJO-80M	ABLJO-80.000MHz	80.000	26.66	23.99	18.66	17.99
815-ABLJO-81.92M	ABLJO-81.920MHz	81.920	26.66	23.99	18.66	17.99
815-ABLJO-92.16M	ABLJO-92.160MHz	92.160	26.66	23.99	18.66	17.99
815-ABLJO-96M	ABLJO-96.000MHz	96.000	26.66	23.99	18.66	17.99
815-ABLJO-98.3M	ABLJO-98.304MHz	98.304	26.66	23.99	18.66	17.99
815-ABLJO-100M	ABLJO-100.000MHz	100.000	26.66	23.99	18.66	17.99
815-ABLJO-106.25M	ABLJO-106.250MHz	106.250	26.66	23.99	18.66	17.99
815-ABLJO-120M	ABLJO-120.000MHz	120.000	26.66	23.99	18.66	17.99
815-ABLJO-122.88M	ABLJO-122.880MHz	122.880	26.66	23.99	18.66	17.99
815-ABLJO-125M	ABLJO-125.000MHz	125.000	26.66	23.99	18.66	17.99
815-ABLJO-150M	ABLJO-150.000MHz	150.000	26.66	23.99	18.66	17.99
815-ABLJO-155.52M	ABLJO-155.520MHz	155.520	26.66	23.99	18.66	17.99
815-ABLJO-156.250M	ABLJO-156.250MHz	156.250	26.66	23.99	18.66	17.99
815-ABLJO-160M	ABLJO-160.000MHz	160.000	26.66	23.99	18.66	17.99
815-ABLJO-184.320M	ABLJO-184.320MHz	184.320	26.66	23.99	18.66	17.99
815-ABLJO-187.500M	ABLJO-187.500MHz	187.500	26.66	23.99	18.66	17.99
815-ABLJO-200M	ABLJO-200.000MHz	200.000	26.66	23.99	18.66	17.99
±45 ppm min.						
815-ABLJO-V80M	ABLJO-V-80.000MHz	80.000	26.66	23.99	18.66	17.99
815-ABLJO-V81.92M	ABLJO-V-81.920MHz	81.920	26.66	23.99	18.66	17.99
815-ABLJO-V92.16M	ABLJO-V-92.160MHz	92.160	26.66	23.99	18.66	17.99
815-ABLJO-V96M	ABLJO-V-96.000MHz	96.000	26.66	23.99	18.66	17.99
815-ABLJO-V98.3M	ABLJO-V-98.304MHz	98.304	26.66	23.99	21.99	20.00
815-ABLJO-V100M	ABLJO-V-100.000MHz	100.000	26.66	23.99	18.66	17.99
815-ABLJO-V106.25M	ABLJO-V-106.250MHz	106.250	26.66	23.99	18.66	17.99
815-ABLJO-V120M	ABLJO-V-120.000MHz	120.000	26.66	23.99	18.66	17.99
815-ABLJO-V122.88M	ABLJO-V-122.880MHz	122.880	26.66	23.99	18.66	17.99
815-ABLJO-V125M	ABLJO-V-125.000MHz	125.000	26.66	23.99	18.66	17.99
815-ABLJO-V150M	ABLJO-V-150.000MHz	150.000	26.66	23.99	18.66	17.99
815-ABLJO-V155.52M	ABLJO-V-155.520MHz	155.520	26.66	23.99	18.66	17.99
815-ABLJO-V156.25M	ABLJO-V-156.250MHz	156.250	26.66	23.99	18.66	17.99
815-ABLJO-V160M	ABLJO-V-160.000MHz	160.000	26.66	23.99	18.66	17.99
815-ABLJO-V184.32M	ABLJO-V-184.320MHz	184.320	26.66	23.99	18.66	17.99
815-ABLJO-V187.5M	ABLJO-V-187.500MHz	187.500	26.66	23.99	18.66	17.99
815-ABLJO-V200M	ABLJO-V-200.000MHz	200.000	26.66	23.99	18.66	17.99