

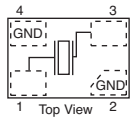
ABRACON Ceramic Microprocessor Crystals



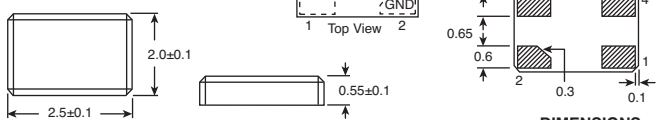
ABRACON ABM10 SERIES ULTRA MINI CERAMIC, 2 X 2.5

Features:

- Operating temperature: -20°C to +80°C
- Frequency tolerance at 25°C: ± 20 ppm max.
- Fundamental mode, 10pF load capacitance
- Stability: ±20ppm (-20°C to +70°C)



RoHS Compliant



DIMENSIONS: mm

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	50	100	200
815-ABM10-20-E20-T	ABM10-20.000MHZ-E20-T	20.0000	3.16	2.55	2.30	2.01	1.98
815-ABM10-22.118E20T	ABM10-22.1184MHZ-E20-T	22.1184	3.16	2.55	2.30	2.01	1.98
815-ABM10-24-E20-T	ABM10-24.000MHZ-E20-T	24.0000	3.16	2.55	2.30	2.01	1.98
815-ABM10-24.576E20T	ABM10-24.576MHZ-E20-T	24.576	3.16	2.55	2.30	2.01	1.98
815-ABM10-25-E20-T	ABM10-25.000MHZ-E20-T	25.0000	3.16	2.55	2.30	2.01	1.98
815-ABM10-27-E20-T	ABM10-27.000MHZ-E20-T	27.0000	3.16	2.55	2.30	2.01	1.98
815-ABM10-30-E20-T	ABM10-30.000MHZ-E20-T	30.0000	3.16	2.55	2.30	2.01	1.98
815-ABM10-40-E20-T	ABM10-40.000MHZ-E20-T	40.0000	3.16	2.55	2.30	2.01	1.98
815-ABM10-48-E20-T	ABM10-48.000MHZ-E20-T	48.0000	3.16	2.55	2.30	2.01	1.98

ABRACON ABM3 SERIES MINI CERAMIC, 3.2 X 5

Features:

- Operating temperature: -20°C to 70°C
- Frequency tolerance: ± 20 ppm
- Fundamental mode, 18pF load capacitance
- Stability: ±100ppm (-40°C to +85°C)

RoHS Compliant



DIMENSIONS: mm

For quantities of 1000 and up, call for quote.

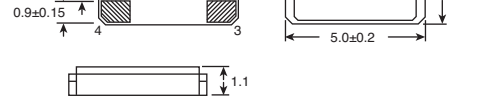
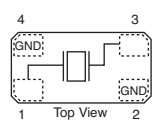
MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	50	100	500
815-ABM3-12-B2-T	ABM3-12.000MHZ-B2-T	12.0000	1.50	1.25	1.00	.88	.75
815-ABM3-13.560-B2-T	ABM3-13.560MHZ-B2-T	13.5600	1.50	1.25	1.00	.88	.75
815-ABM3-14.3181B2T	ABM3-14.3181MHZ-B2-T	14.3182	1.50	1.25	1.00	.88	.75
815-ABM3-16-B2-T	ABM3-16.000MHZ-B2-T	16.0000	1.50	1.25	1.00	.88	.75
815-ABM3-18.432-B2-T	ABM3-18.432MHZ-B2-T	18.4320	1.50	1.25	1.00	.88	.75
815-ABM3-20-B2-T	ABM3-20.000MHZ-B2-T	20.0000	1.50	1.25	1.00	.88	.75
815-ABM3-24-B2-T	ABM3-24.000MHZ-B2-T	24.0000	1.50	1.25	1.00	.88	.75
815-ABM3-24.576-B2-T	ABM3-24.576MHZ-B2-T	24.5760	1.50	1.25	1.00	.88	.75
815-ABM3-25-B2-T	ABM3-25.000MHZ-B2-T	25.0000	1.50	1.25	1.00	.88	.75
815-ABM3-27-B2-T	ABM3-27.000MHZ-B2-T	27.0000	1.50	1.25	1.00	.88	.75
815-ABM3-28.6363-B2T	ABM3-28.6363MHZ-B2-T	28.6363	1.50	1.25	1.00	.88	.75
815-ABM3-29.4912-B2T	ABM3-29.4912MHZ-B2-T	29.4912	1.50	1.25	1.00	.88	.75
815-ABM3-30-B2-T	ABM3-30.000MHZ-B2-T	30.0000	1.50	1.25	1.00	.88	.75
815-ABM3-33-B2-T	ABM3-33.000MHZ-B2-T	33.0000	1.50	1.25	1.00	.88	.75
815-ABM3-40-B2-T	ABM3-40.000MHZ-B2-T	40.0000	1.50	1.25	1.00	.88	.75
815-ABM3-48-B2-T	ABM3-48.000MHZ-B2-T	48.0000	1.50	1.25	1.00	.88	.75

ABRACON ABM3B SERIES MINI CERAMIC, 3.2 X 5

Features:

- Operating temperature: -20°C to +70°C
- Frequency tolerance at 25°C: ± 20 ppm
- Fundamental mode, 18pF load capacitance
- Stability: ±50ppm (-20°C to +70°C)

RoHS Compliant



DIMENSIONS: mm

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	50	100	500
815-ABM3B-12-B2	ABM3B-12.000MHZ-B2-T	12.0000	1.38	1.12	1.00	.88	.78
815-ABM3B-12.288-B2T	ABM3B-12.288MHZ-B2-T	12.288	1.38	1.12	1.00	.88	.78
815-ABM3B-13-B2-T	ABM3B-13.000MHZ-B2-T	13.0000	1.38	1.12	1.00	.88	.78
815-ABM3B-13.824-B2T	ABM3B-13.824MHZ-B2-T	13.824	1.38	1.12	1.00	.88	.78
815-ABM3B-14.3181B2T	ABM3B-14.3181MHZ-B2-T	14.3182	1.38	1.12	1.00	.88	.78
815-ABM3B-15.360-B2T	ABM3B-15.360MHZ-B2-T	15.3600	1.38	1.12	1.00	.88	.78
815-ABM3B-16-B2	ABM3B-16.000MHZ-B2-T	16.0000	1.38	1.12	1.00	.88	.78
815-ABM3B-16.384-B2	ABM3B-16.384MHZ-B2-T	16.384	1.38	1.12	1.00	.88	.78
815-ABM3B-18.432-B2	ABM3B-18.432MHZ-B2-T	18.432	1.38	1.12	1.00	.88	.78
815-ABM3B-20-B2	ABM3B-20.000MHZ-B2-T	20.0000	1.38	1.12	1.00	.88	.78
815-ABM3B-24-B2	ABM3B-24.000MHZ-B2-T	24.0000	1.38	1.12	1.00	.88	.78
815-ABM3B-24.576-B2	ABM3B-24.576MHZ-B2-T	24.5760	1.38	1.12	1.00	.88	.78
815-ABM3B-25-B2	ABM3B-25.000MHZ-B2-T	25.0000	1.38	1.12	1.00	.88	.78
815-ABM3B-27-B2	ABM3B-27.000MHZ-B2-T	27.0000	1.38	1.12	1.00	.88	.78
815-ABM3B-30-B2	ABM3B-30.000MHZ-B2-T	30.0000	1.38	1.12	1.00	.88	.78
815-ABM3B-32-B2	ABM3B-32.000MHZ-B2-T	32.0000	1.38	1.12	1.00	.88	.78
815-ABM3B-40-B2	ABM3B-40.000MHZ-B2-T	40.0000	1.38	1.12	1.00	.88	.78
815-ABM3B-48-B2	ABM3B-48.000MHZ-B2-T	48.0000	1.38	1.12	1.00	.88	.78

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ABRACON ABM11 SERIES ULTRA MINI CERAMIC, 1.6 X 2

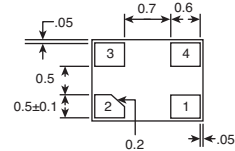
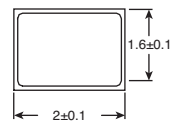
Features:

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

Applications:

- Communication and Test equipment
- High Density applications
- PCMCIA and wireless applications

RoHS Compliant



DIMENSIONS: mm

For quantities of 1000 and up, call for quote.

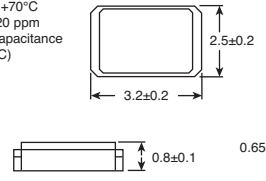
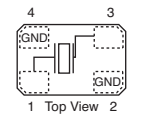
MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	100	500	1000
815-ABM11-26-B7G-T	ABM11-26.000MHZ-B7G-T	26.0000	2.04	1.79	1.53	1.29	.95
815-ABM11-27-B7G-T	ABM11-27.000MHZ-B7G-T	27.0000	2.04	1.79	1.53	1.29	.95
815-ABM11-28.636-B7G-T	ABM11-28.6363MHZ-B7G-T	28.6364	2.04	1.79	1.53	1.29	.95
815-ABM11-30-B7G-T	ABM11-30.000MHZ-B7G-T	30.0000	2.04	1.79	1.53	1.29	.95
815-ABM11-32-B7G-T	ABM11-32.000MHZ-B7G-T	32.0000	2.04	1.79	1.53	1.29	.95
815-ABM11-36-B7G-T	ABM11-36.000MHZ-B7G-T	36.0000	2.04	1.79	1.53	1.29	.95
815-ABM11-38.4-B7G-T	ABM11-38.400MHZ-B7G-T	38.4000	2.04	1.79	1.53	1.29	.95
815-ABM11-40-B7G-T	ABM11-40.000MHZ-B7G-T	40.0000	2.04	1.79	1.53	1.29	.95
815-ABM11-44-B7G-T	ABM11-44.000MHZ-B7G-T	44.0000	2.04	1.79	1.53	1.29	.95
815-ABM11-48-B7G-T	ABM11-48.000MHZ-B7G-T	48.0000	2.04	1.79	1.53	1.29	.95

ABRACON ABM8 SERIES ULTRA MINI CERAMIC, 2.5 X 3.2

Features:

- Operating temperature: -20°C to +70°C
- Frequency tolerance at 25°C: ± 20 ppm
- Fundamental mode, 18pF load capacitance
- Stability: ±20ppm (-20°C to +70°C)

RoHS Compliant



DIMENSIONS: mm

For quantities of 1000 and up, call for quote.

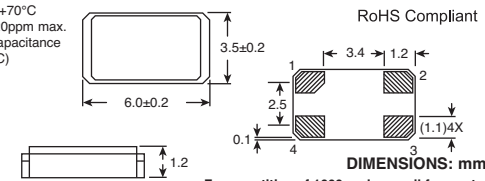
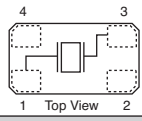
MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	50	100	200
815-ABM8-16-B2-T	ABM8-16.000MHZ-B2-T	16.0000	1.93	1.57	1.40	1.21	1.19
815-ABM8-18.432-B2-T	ABM8-18.432MHZ-B2-T	18.4320	1.93	1.57	1.40	1.21	1.19
815-ABM8-20-B2-T	ABM8-20.000MHZ-B2-T	20.0000	1.93	1.57	1.40	1.21	1.19
815-ABM8-22.1184-B2T	ABM8-22.1184MHZ-B2-T	22.1184	1.93	1.57	1.40	1.21	1.19
815-ABM8-24-B2-T	ABM8-24.000MHZ-B2-T	24.0000	1.93	1.57	1.40	1.21	1.19
815-ABM8-24.576-B2-T	ABM8-24.576MHZ-B2-T	24.5760	1.93	1.57	1.40	1.21	1.19
815-ABM8-25-B2-T	ABM8-25.000MHZ-B2-T	25.0000	1.93	1.57	1.40	1.21	1.19
815-ABM8-27-B2-T	ABM8-27.000MHZ-B2-T	27.0000	1.93	1.57	1.40	1.21	1.19
815-ABM8-28.375-B2-T	ABM8-28.375MHZ-B2-T	28.3750	1.93	1.57	1.40	1.21	1.19
815-ABM8-28.6363B2T	ABM8-28.6363MHZ-B2-T	28.63636	1.93	1.57	1.40	1.21	1.19
815-ABM8-29.4912-B2T	ABM8-29.4912MHZ-B2-T	29.4912	1.93	1.57	1.40	1.21	1.19
815-ABM8-30-B2-T	ABM8-30.000MHZ-B2-T	30.0000	1.93	1.57	1.40	1.21	1.19
815-ABM8-33-B2-T	ABM8-33.000MHZ-B2-T	33.0000	1.93	1.57	1.40	1.21	1.19
815-ABM8-40-B2-T	ABM8-40.000MHZ-B2-T	40.0000	1.93	1.57	1.40	1.21	1.19
815-ABM8-44-B2-T	ABM8-44.000MHZ-B2-T	44.0000	1.93	1.57	1.40	1.21	1.19
815-ABM8-48-B2-T	ABM8-48.000MHZ-B2-T	48.0000	1.93	1.57	1.40	1.21	1.19

ABRACON ABMM2 SERIES MINI CERAMIC, 3.5 X 6

Features:

- Operating temperature: -20°C to +70°C
- Frequency tolerance at 25°C: ± 20ppm max.
- Fundamental mode, 18pF load capacitance
- Stability: ±20ppm (-20°C to +70°C)

RoHS Compliant



DIMENSIONS: mm

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	50	100	200
815-ABMM2-8-E2T	ABMM2-8.000MHZ-E2-T	8.0000	1.16	1.02	.72	.65	.63
815-ABMM2-10-E2T	ABMM2-10.000MHZ-E2-T	10.0000	1.16	1.02	.72	.65	.63
815-ABMM2-11.0592-E2T	ABMM2-11.0592MHZ-E2-T	11.0592	1.16	1.02	.72	.65	.63
815-ABMM2-12-E2T	ABMM2-12.000MHZ-E2-T	12.0000	1.16	1.02	.72	.65	.63
815-ABMM2-14.318-E2T	ABMM2-14.3181MHZ-E2-T	14.31818	1.16	1.02	.72	.65	.63
815-ABMM2-14.745-E2T	ABMM2-14.7456MHZ-E2-T	14.7456	1.16	1.02	.72	.65	.63
815-ABMM2-16-E2T	ABMM2-16.000MHZ-E2-T	16.0000	1.16	1.02	.72	.65	.63
815-ABMM2-16.934-E2T	ABMM2-16.9344MHZ-E2-T	16.9344	1.16	1.02	.72	.65	.63
815-ABMM2-19.660-E2T	ABMM2-19.6608MHZ-E2-T	19.6608	1.16	1.02	.72	.65	.63
815-ABMM2-20-E2T	ABMM2-20.000MHZ-E2-T	20.0000	1.16	1.02	.72	.65	.63
815-ABMM2-24-E2T	ABMM2-24.000MHZ-E2-T	24.0000	1.16	1.02	.72	.65	.63
815-ABMM2-24.576-E2T	ABMM2-24.576MHZ-E2-T	24.5760	1.16	1.02	.72	.65	.63
815-ABMM2-25-E2T	ABMM2-25.000MHZ-E2-T	25.0000	1.16	1.02	.72		