



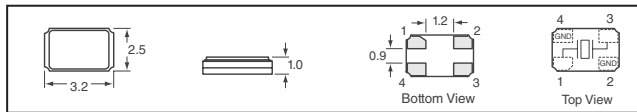
Crystals



ABM8 Series — 3.2 x 2.5 SMD Crystals (Cont.)

Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	T & R Pricing 1,000	Abracon Part No.
		1	10	50			
16.00000	535-9675-1-ND	2.31	2.01	1.76	535-9675-2-ND	863.48	ABM8-16.000MHZ-10-1-U-T
16.36760	300-8226-1-ND	2.31	2.01	1.76	300-8226-2-ND	863.48	ABM8-16.3676MHZ-10-1-U-T
16.38400	535-9676-1-ND	2.31	2.01	1.76	535-9676-2-ND	863.48	ABM8-16.384MHZ-10-1-U-T
16.80000	300-8227-1-ND	2.31	2.01	1.76	300-8227-2-ND	863.48	ABM8-16.800MHZ-10-1-U-T
19.20000	300-8228-1-ND	2.31	2.01	1.76	300-8228-2-ND	863.48	ABM8-19.200MHZ-10-1-U-T
20.00000	535-9677-1-ND	2.31	2.01	1.76	535-9677-2-ND	863.48	ABM8-20.000MHZ-10-1-U-T
24.55350	300-8229-1-ND	1.70	1.45	1.24	300-8229-2-ND	801.80	ABM8-24.5535MHZ-10-1-U-T
24.57600	535-9678-1-ND	1.70	1.45	1.24	535-9678-2-ND	801.80	ABM8-24.576MHZ-10-1-U-T
26.00000	300-8230-1-ND	2.31	2.01	1.76	300-8230-2-ND	863.48	ABM8-26.000MHZ-10-1-U-T
27.00000	535-9679-1-ND	2.31	2.01	1.76	535-9679-2-ND	863.48	ABM8-27.000MHZ-10-1-U-T
30.00000	535-9680-1-ND	2.31	2.01	1.76	535-9680-2-ND	863.48	ABM8-30.000MHZ-10-1-U-T
36.00000	535-9681-1-ND	1.70	1.45	1.24	535-9681-2-ND	801.80	ABM8-36.000MHZ-10-1-U-T
40.00000	535-9682-1-ND	1.70	1.45	1.24	535-9682-2-ND	801.80	ABM8-40.000MHZ-10-1-U-T

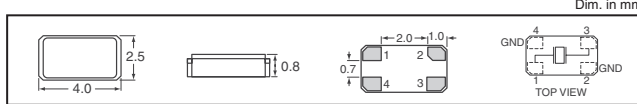
ABM8G Series — 3.2 x 2.5 SMD Crystals



Series Specifications:	Frequency Stability	Frequency Tolerance	Operating Temperature	Load Capacitance
ABM8G-xxxMHZ-18-D2Y-T	±30ppm	±20ppm	-40°C - 85°C	18.0pF
ABM8G-xxxMHZ-B4Y-T	±30ppm	±30ppm	-20°C - 70°C	10.0pF

Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	T & R Pricing 1,000	Abracon Part No.
		1	10	50			
ABM8G-xxxMHZ-18-D2Y-Y Series — Glass Sealed							
12.000	535-10261-1-ND	1.01	.88	.78	535-10261-2-ND	378.38	ABM8G-12.000MHZ-18-D2Y-T
12.288	535-10262-1-ND	1.01	.88	.78	535-10262-2-ND	378.38	ABM8G-12.288MHZ-18-D2Y-T
13.000	535-10263-1-ND	1.01	.88	.78	535-10263-2-ND	378.38	ABM8G-13.000MHZ-18-D2Y-T
13.560	535-10264-1-ND	1.01	.88	.78	535-10264-2-ND	378.38	ABM8G-13.560MHZ-18-D2Y-T
14.31818	535-10265-1-ND	1.01	.88	.78	535-10265-2-ND	378.38	ABM8G-14.31818MHZ-18-D2Y-T
14.7456	535-10266-1-ND	1.01	.88	.78	535-10266-2-ND	378.38	ABM8G-14.7456MHZ-18-D2Y-T
16.000	535-10267-1-ND	1.01	.88	.78	535-10267-2-ND	378.38	ABM8G-16.000MHZ-18-D2Y-T
16.384	535-10268-1-ND	1.01	.88	.78	535-10268-2-ND	378.38	ABM8G-16.384MHZ-18-D2Y-T
18.432	535-10269-1-ND	1.01	.88	.78	535-10269-2-ND	378.38	ABM8G-18.432MHZ-18-D2Y-T
18.6608	535-10270-1-ND	1.01	.88	.78	535-10270-2-ND	378.38	ABM8G-18.6608MHZ-18-D2Y-T
20.000	535-10271-1-ND	1.01	.88	.78	535-10271-2-ND	378.38	ABM8G-20.000MHZ-18-D2Y-T
22.1184	535-10272-1-ND	1.01	.88	.78	535-10272-2-ND	378.38	ABM8G-22.1184MHZ-18-D2Y-T
24.000	535-10273-1-ND	1.01	.88	.78	535-10273-2-ND	378.38	ABM8G-24.000MHZ-18-D2Y-T
24.576	535-10274-1-ND	1.01	.88	.78	535-10274-2-ND	378.38	ABM8G-24.576MHZ-18-D2Y-T
25.000	535-10275-1-ND	1.01	.88	.78	535-10275-2-ND	378.38	ABM8G-25.000MHZ-18-D2Y-T
26.000	535-10276-1-ND	1.01	.88	.78	535-10276-2-ND	378.38	ABM8G-26.000MHZ-18-D2Y-T
27.000	535-10277-1-ND	1.01	.88	.78	535-10277-2-ND	378.38	ABM8G-27.000MHZ-18-D2Y-T
28.63636	535-10278-1-ND	1.01	.88	.78	535-10278-2-ND	378.38	ABM8G-28.63636MHZ-18-D2Y-T
30.000	535-10279-1-ND	1.01	.88	.78	535-10279-2-ND	378.38	ABM8G-30.000MHZ-18-D2Y-T
33.000	535-10280-1-ND	1.01	.88	.78	535-10280-2-ND	378.38	ABM8G-33.000MHZ-18-D2Y-T
40.000	535-10281-1-ND	1.01	.88	.78	535-10281-2-ND	378.38	ABM8G-40.000MHZ-18-D2Y-T
48.000	535-10282-1-ND	1.01	.88	.78	535-10282-2-ND	378.38	ABM8G-48.000MHZ-18-D2Y-T
ABM8G-xxxMHZ-B4Y-T Series — Glass Sealed							
12.000	535-10283-1-ND	.86	.75	.66	535-10283-2-ND	320.17	ABM8G-12.000MHZ-B4Y-T
12.288	535-10284-1-ND	.86	.75	.66	535-10284-2-ND	320.17	ABM8G-12.288MHZ-B4Y-T
13.000	535-10285-1-ND	.86	.75	.66	535-10285-2-ND	320.17	ABM8G-13.000MHZ-B4Y-T
13.560	535-10286-1-ND	.86	.75	.66	535-10286-2-ND	320.17	ABM8G-13.560MHZ-B4Y-T
14.31818	535-10287-1-ND	.86	.75	.66	535-10287-2-ND	320.17	ABM8G-14.31818MHZ-B4Y-T
14.7456	535-10288-1-ND	.86	.75	.66	535-10288-2-ND	320.17	ABM8G-14.7456MHZ-B4Y-T
16.000	535-10289-1-ND	.86	.75	.66	535-10289-2-ND	320.17	ABM8G-16.000MHZ-B4Y-T
16.384	535-10290-1-ND	.86	.75	.66	535-10290-2-ND	320.17	ABM8G-16.384MHZ-B4Y-T
18.432	535-10291-1-ND	.86	.75	.66	535-10291-2-ND	320.17	ABM8G-18.432MHZ-B4Y-T
19.6608	535-10292-1-ND	.86	.75	.66	535-10292-2-ND	320.17	ABM8G-19.6608MHZ-B4Y-T
20.000	535-10293-1-ND	.86	.75	.66	535-10293-2-ND	320.17	ABM8G-20.000MHZ-B4Y-T
22.1184	535-10294-1-ND	.86	.75	.66	535-10294-2-ND	320.17	ABM8G-22.1184MHZ-B4Y-T
24.000	535-10295-1-ND	.86	.75	.66	535-10295-2-ND	320.17	ABM8G-24.000MHZ-B4Y-T
24.576	535-10296-1-ND	.86	.75	.66	535-10296-2-ND	320.17	ABM8G-24.576MHZ-B4Y-T
25.000	535-10297-1-ND	.86	.75	.66	535-10297-2-ND	320.17	ABM8G-25.000MHZ-B4Y-T
26.000	535-10298-1-ND	.86	.75	.66	535-10298-2-ND	320.17	ABM8G-26.000MHZ-B4Y-T
27.000	535-10299-1-ND	.86	.75	.66	535-10299-2-ND	320.17	ABM8G-27.000MHZ-B4Y-T
28.63636	535-10300-1-ND	.86	.75	.66	535-10300-2-ND	320.17	ABM8G-28.63636MHZ-B4Y-T
30.000	535-10301-1-ND	.86	.75	.66	535-10301-2-ND	320.17	ABM8G-30.000MHZ-B4Y-T
32.000	535-10302-1-ND	.86	.75	.66	535-10302-2-ND	320.17	ABM8G-32.000MHZ-B4Y-T
33.000	535-10303-1-ND	.86	.75	.66	535-10303-2-ND	320.17	ABM8G-33.000MHZ-B4Y-T
40.000	535-10304-1-ND	.86	.75	.66	535-10304-2-ND	320.17	ABM8G-40.000MHZ-B4Y-T
48.000	535-10305-1-ND	.86	.75	.66	535-10305-2-ND	320.17	ABM8G-48.000MHZ-B4Y-T

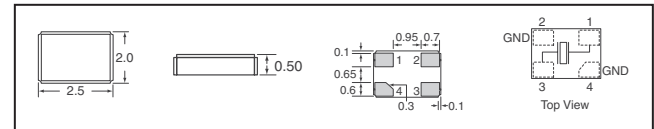
ABM9 Series — 4.0 x 2.5 SMD RF Transceiver Crystals



Specifications: • Frequency Stability: ±10ppm • Frequency Tolerance: ±10ppm @ 25°C • Operating Temperature Range: -40°C - 85°C • Load Capacitance: 10.0pF

Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each	Digi-Key Part No.	T & R Pricing 1,000	Abracon Part No.
16.000	535-9693-1-ND	2.31 2.01 1.76	535-9693-2-ND	863.48	ABM9-16.000MHZ-10-D-U

ABM10 Series — 2.5 x 2.0 SMD Crystals



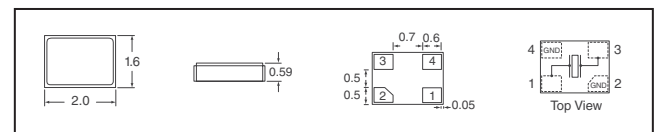
Series Specifications:	Frequency Stability	Frequency Tolerance	Operating Temperature	Load Capacitance
ABM10-xxxMHZ-E20-T	±20ppm	±20ppm	-20°C - 70°C	10.0pF
ABM10-xxxMHZ-8-7A15-T	±15ppm	±15ppm	-10°C - 60°C	8.0pF
ABM10-xxxMHZ-7A15-T	±15ppm	±15ppm	-10°C - 60°C	10.0pF

Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	T & R Pricing 1,000	Abracon Part No.
		1	10	50			
ABM10-xxx-E20-T Series							
16.00000	535-9810-1-ND	1.69	1.47	1.29	535-9810-2-ND	630.63	ABM10-16.000MHZ-E20-T
16.36760	535-9811-1-ND	1.69	1.47	1.29	535-9811-2-ND	630.63	ABM10-16.3676MHZ-E20-T
16.38400	535-9812-1-ND	1.69	1.47	1.29	535-9812-2-ND	630.63	ABM10-16.384MHZ-E20-T
18.43200	535-9813-1-ND	1.69	1.47	1.29	535-9813-2-ND	630.63	ABM10-18.432MHZ-E20-T
19.20000	535-9814-1-ND	1.69	1.47	1.29	535-9814-2-ND	630.63	ABM10-19.200MHZ-E20-T
20.00000	535-9815-1-ND	1.69	1.47	1.29	535-9815-2-ND	630.63	ABM10-20.000MHZ-E20-T
22.11840	535-9816-1-ND	1.69	1.47	1.29	535-9816-2-ND	630.63	ABM10-22.1184MHZ-E20-T
24.00000	535-9817-1-ND	1.69	1.47	1.29	535-9817-2-ND	630.63	ABM10-24.000MHZ-E20-T
24.57600	535-9818-1-ND	1.69	1.47	1.29	535-9818-2-ND	630.63	ABM10-24.576MHZ-E20-T
25.00000	535-9819-1-ND	1.69	1.47	1.29	535-9819-2-ND	630.63	ABM10-25.000MHZ-E20-T
27.00000	535-9820-1-ND	1.69	1.47	1.29	535-9820-2-ND	630.63	ABM10-27.000MHZ-E20-T
30.00000	535-9821-1-ND	1.69	1.47	1.29	535-9821-2-ND	630.63	ABM10-30.000MHZ-E20-T
40.00000	535-9822-1-ND	1.69	1.47	1.29	535-9822-2-ND	630.63	ABM10-40.000MHZ-E20-T
48.00000	535-9823-1-ND	1.69	1.47	1.29	535-9823-2-ND	630.63	ABM10-48.000MHZ-E20-T

ABM10-xxxMHZ-8-7A15-T Series — Crystals for Wireless, Bluetooth and AV/OA							
24.00000	535-9824-1-ND	1.69	1.47	1.29	535-9824-2-ND	630.63	ABM10-24.000MHZ-8-7-A15-T
28.63636	535-9825-1-ND	1.69	1.47	1.29	535-9825-2-ND	630.63	ABM10-28.63636MHZ-8-7-A15-T
32.00000	535-9826-1-ND	1.69	1.47	1.29	535-9826-2-ND	630.63	ABM10-32.000MHZ-8-7-A15-T
40.00000	535-9827-1-ND	1.69	1.47	1.29	535-9827-2-ND	630.63	ABM10-40.000MHZ-8-7-A15-T

ABM10-xxxMHZ-7A15-T Series — Crystals for Wireless, Bluetooth and AV/OA							
26.00000	535-9824-1-ND	1.69	1.47	1.29	535-9824-2-ND	630.63	ABM10-26.000MHZ-7-A15-T
32.00000	535-9826-1-ND	1.69	1.47	1.29	535-9826-2-ND	630.63	ABM10-32.000MHZ-7-A15-T

ABM11 Series — 2.0 x 1.6 SMD Crystals



Specifications: • Frequency Stability: ±15ppm; -20°C - 70°C • Frequency Tolerance: ±15ppm • Operating Temperature Range: -20°C - 70°C • Load Capacitance: 10.0pF

Frequency (MHz)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	T & R Pricing 1,000	Abracon Part No.
		1	10	50			
20.000	535-10249-1-ND	1.77	1.54	1.35	535-10249-2-ND	659.74	ABM11-20.000MHZ-B7G-T
24.000	535-10250-1-ND	1.77	1.54	1.35	535-10250-2-ND	659.74	ABM11-24.000MHZ-B7G-T
25.000	535-10251-1-ND	1.77	1.54	1.35	535-10251-2-ND	659.74	ABM11-25.000MHZ-B7G-T
26.000	535-9815-1-ND	1.77	1.54	1.35	535-9815-2-ND	659.74	ABM11-26.000MHZ-B7G-T
27.000	535-9816-1-ND	1.77	1.54	1.35	535-9816-2-ND	659.74	ABM11-27.000MHZ-B7G-T
28.63636	535-9817-1-ND	1.77	1.54	1.35	535-9817-2-ND	659.74	ABM11-28.63636MHZ-B7G-T
30.000	535-9818-1-ND	1.77	1.54	1.35	535-9818-2-ND	659.74	ABM11-3