

ABRACON Microprocessor Crystals

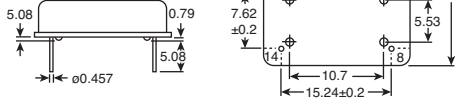


ACO/ACOL SERIES CRYSTAL CLOCK OSCILLATOR, LEADED

Features:

- Frequency Range: 500 Hz to 200 MHz
- Operating Temperature: -20°C to +70°C
- Stability: ±30ppm (-20°C to +70°C)
- HCMOS and TTL compatible
- Fast rise and fall times

Pin Assignment	
1	NC or Tristate Enable/Disable
7	GND/Case
8	Output
14	VDD



DIMENSIONS: mm

For quantities of 1000 and up, call for quote.

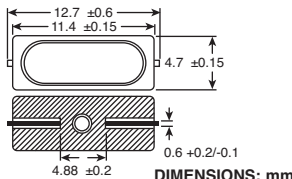
MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	50	100	500
5 Volt							
815-ACO-3.6864-EK	ACO-3.6864MHZ-EK	3.68640	1.30	1.17	1.04	.88	.81
815-ACO-4-EK	ACO-4.000MHZ-EK	4.00000	1.30	1.17	1.04	.88	.81
815-ACO-8-EK	ACO-8.000MHZ-EK	8.00000	1.30	1.17	1.04	.88	.81
815-ACO-10-EK	ACO-10.000MHZ-EK	10.00000	1.30	1.17	1.04	.88	.81
815-ACO-11.0592-EK	ACO-11.0592MHZ-EK	11.05920	1.30	1.17	1.04	.88	.81
815-ACO-12-EK	ACO-12.000MHZ-EK	12.00000	1.30	1.17	1.04	.88	.81
815-ACO-14.31818-EK	ACO-14.31818MHZ-EK	14.31818	1.30	1.17	1.04	.88	.81
815-ACO-16-EK	ACO-16.000MHZ-EK	16.00000	1.30	1.17	1.04	.88	.81
815-ACO-18.432-EK	ACO-18.432MHZ-EK	18.43200	1.30	1.17	1.04	.88	.81
815-ACO-20-EK	ACO-20.000MHZ-EK	20.00000	1.30	1.17	1.04	.88	.81
815-ACO-24.576-EK	ACO-24.576MHZ-EK	24.57600	1.30	1.17	1.04	.88	.81
815-ACO-25-EK	ACO-25.000MHZ-EK	25.00000	1.30	1.17	1.04	.88	.81
815-ACO-32-EK	ACO-32.000MHZ-EK	32.00000	1.30	1.17	1.04	.88	.81
815-ACO-32.768-EK	ACO-32.768MHZ-EK	32.76800	1.30	1.17	1.04	.88	.81
815-ACO-40-EK	ACO-40.000MHZ-EK	40.00000	1.30	1.17	1.04	.88	.81
815-ACO-48-EK	ACO-48.000MHZ-EK	48.00000	1.30	1.17	1.04	.88	.81
815-ACO-50-EK	ACO-50.000MHZ-EK	50.00000	1.30	1.17	1.04	.88	.81
3.3 Volt							
815-ACOL-3.6864-EK	ACOL-3.6864MHZ-EK	3.68640	1.30	1.17	1.04	.88	.81
815-ACOL-4-EK	ACOL-4.000MHZ-EK	4.00000	1.30	1.17	1.04	.88	.81
815-ACOL-8-EK	ACOL-8.000MHZ-EK	8.00000	1.30	1.17	1.04	.88	.81
815-ACOL-10-EK	ACOL-10.000MHZ-EK	10.00000	1.30	1.17	1.04	.88	.81
815-ACOL-11.0592-EK	ACOL-11.0592MHZ-EK	11.05920	1.30	1.17	1.04	.88	.81
815-ACOL-12-EK	ACOL-12.000MHZ-EK	12.00000	1.30	1.17	1.04	.88	.81
815-ACOL-14.31818-EK	ACOL-14.31818MHZ-EK	14.31818	1.30	1.17	1.04	.88	.81
815-ACOL-16-EK	ACOL-16.000MHZ-EK	16.00000	1.30	1.17	1.04	.88	.81
815-ACOL-20-EK	ACOL-20.000MHZ-EK	20.00000	1.30	1.17	1.04	.88	.81
815-ACOL-24.576-EK	ACOL-24.576MHZ-EK	24.57600	1.30	1.17	1.04	.88	.81
815-ACOL-25-EK	ACOL-25.000MHZ-EK	25.00000	1.30	1.17	1.04	.88	.81
815-ACOL-27-EK	ACOL-27.000MHZ-EK	27.00000	1.30	1.17	1.04	.88	.81
815-ACOL-32-EK	ACOL-32.000MHZ-EK	32.00000	1.30	1.17	1.04	.88	.81
815-ACOL-32.768-EK	ACOL-32.768MHZ-EK	32.76800	1.30	1.17	1.04	.88	.81
815-ACOL-40-EK	ACOL-40.000MHZ-EK	40.00000	1.30	1.17	1.04	.88	.81
815-ACOL-48-EK	ACOL-48.000MHZ-EK	48.00000	1.30	1.17	1.04	.88	.81
815-ACOL-50-EK	ACOL-50.000MHZ-EK	50.00000	1.30	1.17	1.04	.88	.81



ABLS SERIES SMD MICROPROCESSOR CRYSTALS, HC49SM

Features:

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



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-ABLS-3.579545B2	ABLS-3.579545MHZ-B2-T	3.57955	.45	.38	.36	.30	.26
815-ABLS-3.6864-B2	ABLS-3.6864MHZ-B2-T	3.6864	.45	.38	.36	.30	.26
815-ABLS-4-B2	ABLS-4.000MHZ-B2-T	4.0000	.45	.38	.36	.30	.26
815-ABLS-4.9152-B2	ABLS-4.9152MHZ-B2-T	4.9152	.45	.38	.36	.30	.26
815-ABLS-5-B2	ABLS-5.000MHZ-B2-T	5.0000	.45	.38	.36	.30	.26
815-ABLS-7.3728-B2	ABLS-7.3728MHZ-B2-T	7.3728	.45	.38	.36	.30	.26
815-ABLS-8-B2	ABLS-8.000MHZ-B2-T	8.0000	.45	.38	.36	.30	.26
815-ABLS-8.192-B2	ABLS-8.192MHZ-B2-T	8.1920	.45	.38	.36	.30	.26
815-ABLS-10-B2	ABLS-10.000MHZ-B2-T	10.0000	.45	.38	.36	.30	.26
815-ABLS-11.0592-B2	ABLS-11.0592MHZ-B2-T	11.0592	.45	.38	.36	.30	.26
815-ABLS-12-B2	ABLS-12.000MHZ-B2-T	12.0000	.45	.38	.36	.30	.26
815-ABLS-12.288-B2	ABLS-12.288MHZ-B2-T	12.2880	.45	.38	.36	.30	.26
815-ABLS-14.31818-B2	ABLS-14.31818MHZ-B2-T	14.31818	.45	.38	.36	.30	.26
815-ABLS-14.7456-B2	ABLS-14.7456MHZ-B2-T	14.7456	.45	.38	.36	.30	.26
815-ABLS-16-B2	ABLS-16.000MHZ-B2-T	16.0000	.45	.38	.36	.30	.26
815-ABLS-18.432-B2	ABLS-18.432MHZ-B2-T	18.4320	.45	.38	.36	.30	.26
815-ABLS-19.6608-B2	ABLS-19.6608MHZ-B2-T	19.6608	.45	.38	.36	.30	.26
815-ABLS-20-B2	ABLS-20.000MHZ-B2-T	20.0000	.45	.38	.36	.30	.26
815-ABLS-22.1184-B2	ABLS-22.1184MHZ-B2-T	22.1184	.45	.38	.36	.30	.26
815-ABLS-24-B2	ABLS-24.000MHZ-B2-T	24.0000	.45	.38	.36	.30	.26
815-ABLS-24.576-B2	ABLS-24.576MHZ-B2-T	24.5760	.45	.38	.36	.30	.26
815-ABLS-25-B2	ABLS-25.000MHZ-B2-T	25.0000	.45	.38	.36	.30	.26
815-ABLS-27-B2	ABLS-27.000MHZ-B2-T	27.0000	.45	.38	.36	.30	.26
815-ABLS-32-B2	ABLS-32.000MHZ-B2-T	32.7680	.45	.38	.36	.30	.26
815-ABLS-48-B2	ABLS-48.000MHZ-B2-T	48.0000	.45	.38	.36	.30	.26
815-ABLS-49.152-B2	ABLS-49.152MHZ-B2-T	49.1520	.45	.38	.36	.30	.26

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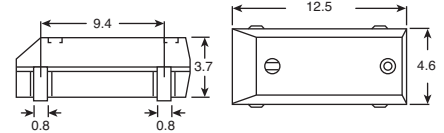
Mouser Catalog Download



ABSM2 SERIES SMD MICROPROCESSOR CRYSTALS, MOLDED PLASTIC

Features:

- Operating temperature: -10°C to +60°C
- Frequency tolerance: ±30ppm
- Stability: ±50ppm (-10°C to +60°C)
- Load capacitance C_L : 18pF



DIMENSIONS: mm

For quantities of 2000 and up, call for quote.

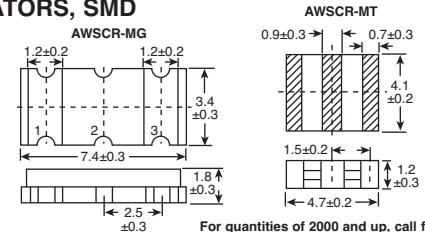
MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	25	100	500	1000
815-ABSM2-3.579545-4	ABSM2-3.579545MHZ-4-T	3.579545	.90	.75	.60	.53	.45
815-ABSM2-3.6864-4	ABSM2-3.6864MHZ-4-T	3.686400	.90	.75	.60	.53	.45
815-ABSM2-4.000-4	ABSM2-4.000MHZ-4-T	4.000000	.90	.75	.60	.53	.45
815-ABSM2-4.9152-4	ABSM2-4.9152MHZ-4-T	4.915200	.90	.75	.60	.53	.45
815-ABSM2-5.000-4	ABSM2-5.000MHZ-4-T	5.000000	.90	.75	.60	.53	.45
815-ABSM2-7.3728-4	ABSM2-7.3728MHZ-4-T	7.372800	.90	.75	.60	.53	.45
815-ABSM2-8.000-4	ABSM2-8.000MHZ-4-T	8.000000	.90	.75	.60	.53	.45
815-ABSM2-8.192-4	ABSM2-8.192MHZ-4-T	8.192000	.87	.727	.582	.514	.436
815-ABSM2-10.000-4	ABSM2-10.000MHZ-4-T	10.000000	.90	.75	.60	.53	.45
815-ABSM2-11.0592-4	ABSM2-11.0592MHZ-4-T	11.059200	.87	.727	.582	.514	.436
815-ABSM2-12.000-4	ABSM2-12.000MHZ-4-T	12.000000	.90	.75	.60	.53	.45
815-ABSM2-12.288-4	ABSM2-12.288MHZ-4-T	12.288000	.90	.75	.60	.53	.45
815-ABSM2-14.31818-4	ABSM2-14.31818MHZ-4-T	14.318180	.87	.727	.582	.514	.436
815-ABSM2-14.7456-4	ABSM2-14.7456MHZ-4-T	14.745600	.90	.75	.60	.53	.45
815-ABSM2-16.000-4	ABSM2-16.000MHZ-4-T	16.000000	.90	.75	.60	.53	.45
815-ABSM2-18.432-4	ABSM2-18.432MHZ-4-T	18.432000	.90	.75	.60	.53	.45
815-ABSM2-19.6608-4	ABSM2-19.6608MHZ-4-T	19.660800	.87	.727	.582	.514	.436
815-ABSM2-20.000-4	ABSM2-20.000MHZ-4-T	20.000000	.90	.75	.60	.53	.45
815-ABSM2-22.1184-4	ABSM2-22.1184MHZ-4-T	22.118400	1.08	.90	.72	.63	.54
815-ABSM2-24.000-4	ABSM2-24.000MHZ-4-T	24.000000	.90	.75	.60	.53	.45
815-ABSM2-24.576-4	ABSM2-24.576MHZ-4-T	24.576000	1.08	.90	.72	.63	.54
815-ABSM2-25.000-4	ABSM2-25.000MHZ-4-T	25.000000	.90	.75	.60	.53	.45
815-ABSM2-27.000-4	ABSM2-27.000MHZ-4-T	27.000000	1.04	.873	.698	.611	.524
815-ABSM2-32.000-4	ABSM2-32.000MHZ-4-T	32.768000	1.08	.90	.72	.63	.54
815-ABSM2-48.000-4	ABSM2-48.000MHZ-4-T	48.000000	1.04	.873	.698	.611	.524
815-ABSM2-49.152-4	ABSM2-49.152MHZ-4-T	49.152000	1.08	.90	.72	.63	.54



AWSCR SERIES BUILT-IN CAP, CERAMIC RESONATORS, SMD

Features:

- Frequency tolerance: ±0.5%
- Operating temperature: -40°C to +85°C
- Industrial grade



DIMENSIONS: mm

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Freq. (MHz)	Price Each				
			1	25	100	500	1000
815-AWSCR-3.58MGD-T	AWSCR-3.58MGD-T	3.5800	.33	.24	.22	.20	.168
815-AWSCR-4.00MGD-T	AWSCR-4.00MGD-T	4.0000	.33	.24	.22	.20	.19
815-AWSCR-6.00MGD-T	AWSCR-6.00MGD-T	6.0000	.33	.24	.22	.20	.168
815-AWSCR-8.00MGD-T	AWSCR-8.00MGD-T	8.0000	.33	.24	.22	.20	.19
815-AWSCR-16.00MTD-T	AWSCR-16.00MTD-T	16.0000	.36	.26	.23	.22	.182
815-AWSCR-20.00MTD-T	AWSCR-20.00MTD-T	20.0000	.36	.26	.23	.22	.