

# ABRACON SMD Pure Silicon™ Clock Oscillators

RoHS Compliant This product is RoHS compliant.

## PLASTIC PACKAGE INDUSTRIAL GRADE ULTRA MINIATURE PURE SILICON™ CLOCK OSCILLATORS

**Features:**

- 2nd Generation MEMS Technology by Discera
- Low Power Consumption <10mA
- Low Cost-Compact QFN Plastic Packaging
- Low jitter
- Supply Voltage (Vdd): +1.7 ~ +3.6V
- Output Load: 15pF

No	Pin Terminal
1	Standby
2	GND
3	Output
4	VDD

**ASDMB Series: 2.5 x 2.0 x 0.85mm**

MOUSER STOCK NO.	Abracon Part No.	Fig.	Freq. (MHz).	Price Each					Reel Qty.	Price Per Piece
				1	10	50	100	500		
<b>Operating Temp. -40°C ~ +85°C; Overall Freq. Stability ±10 ppm</b>										
815-ASDMB-10-LY-T	ASDMB-10.000MHZ-LY-T	A	10.00	2.61	2.18	1.74	1.57	1.44	1000	1.31
815-ASDMB-12-LY-T	ASDMB-12.000MHZ-LY-T	A	12.00	2.61	2.18	1.74	1.57	1.44	1000	1.31
815-ASDMB-20-LY-T	ASDMB-20.000MHZ-LY-T	A	20.00	2.61	2.18	1.74	1.57	1.44	1000	1.31
815-ASDMB-24-LY-T	ASDMB-24.000MHZ-LY-T	A	24.00	2.61	2.18	1.74	1.57	1.44	1000	1.31
815-ASDMB-25-LY-T	ASDMB-25.000MHZ-LY-T	A	25.00	2.61	2.18	1.74	1.57	1.44	1000	1.31
815-ASDMB-26-LY-T	ASDMB-26.000MHZ-LY-T	A	26.00	2.61	2.18	1.74	1.57	1.44	1000	1.31
815-ASDMB-27-LY-T	ASDMB-27.000MHZ-LY-T	A	27.00	2.61	2.18	1.74	1.57	1.44	1000	1.31
815-ASDMB-48-LY-T	ASDMB-48.000MHZ-LY-T	A	48.00	2.61	2.18	1.74	1.57	1.44	1000	1.31
815-ASDMB-50-LY-T	ASDMB-50.000MHZ-LY-T	A	50.00	2.61	2.18	1.74	1.57	1.44	1000	1.31
815-ASDMB-100-LY-T	ASDMB-100.000MHZ-LY-T	A	100.00	2.91	2.43	1.94	1.75	1.60	1000	1.46
815-ASDMB-125-LY-T	ASDMB-125.000MHZ-LY-T	A	125.00	2.91	2.43	1.94	1.75	1.60	1000	1.46

MOUSER STOCK NO.	Abracon Part No.	Fig.	Freq. (MHz).	Price Each					Reel Qty.	Price Per Piece
				1	10	50	100	500		
<b>Operating Temp. -40°C ~ +105°C; Overall Freq. Stability ±10 ppm</b>										
815-ASDMB-10-XY-T	ASDMB-10.000MHZ-XY-T	A	10.00	2.91	2.43	1.94	1.75	1.60	1000	1.46
815-ASDMB-12-XY-T	ASDMB-12.000MHZ-XY-T	A	12.00	2.91	2.43	1.94	1.75	1.60	1000	1.46
815-ASDMB-20-XY-T	ASDMB-20.000MHZ-XY-T	A	20.00	2.91	2.43	1.94	1.75	1.60	1000	1.46
815-ASDMB-24-XY-T	ASDMB-24.000MHZ-XY-T	A	24.00	2.91	2.43	1.94	1.75	1.60	1000	1.46
815-ASDMB-25-XY-T	ASDMB-25.000MHZ-XY-T	A	25.00	2.91	2.43	1.94	1.75	1.60	1000	1.46
815-ASDMB-26-XY-T	ASDMB-26.000MHZ-XY-T	A	26.00	2.91	2.43	1.94	1.75	1.60	1000	1.46
815-ASDMB-27-XY-T	ASDMB-27.000MHZ-XY-T	A	27.00	2.91	2.43	1.94	1.75	1.60	1000	1.46
815-ASDMB-48-XY-T	ASDMB-48.000MHZ-XY-T	A	48.00	2.91	2.43	1.94	1.75	1.60	1000	1.46
815-ASDMB-50-XY-T	ASDMB-50.000MHZ-XY-T	A	50.00	2.91	2.43	1.94	1.75	1.60	1000	1.46
815-ASDMB-100-XY-T	ASDMB-100.000MHZ-XY-T	A	100.00	3.21	2.68	2.14	1.93	1.77	1000	1.61
815-ASDMB-125-XY-T	ASDMB-125.000MHZ-XY-T	A	125.00	3.21	2.68	2.14	1.93	1.77	1000	1.61

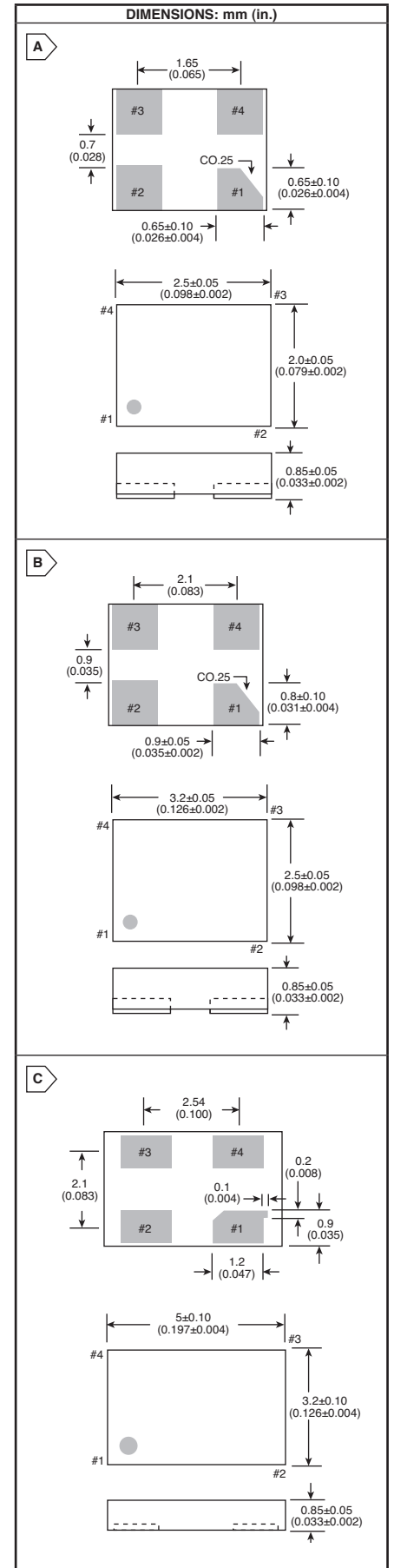
**ASEMB Series: 3.2 x 2.5 x 0.85mm**

MOUSER STOCK NO.	Abracon Part No.	Fig.	Freq. (MHz).	Price Each					Reel Qty.	Price Per Piece
				1	10	50	100	500		
<b>Operating Temp. -40°C ~ +85°C; Overall Freq. Stability ±10 ppm</b>										
815-ASEMB-4-LY-T	ASEMB-4.000MHZ-LY-T	B	4.00	2.55	2.13	1.70	1.53	1.40	1000	1.28
815-ASEMB-8-LY-T	ASEMB-8.000MHZ-LY-T	B	8.00	2.55	2.13	1.70	1.53	1.40	1000	1.28
815-ASEMB-10-LY-T	ASEMB-10.000MHZ-LY-T	B	10.00	2.55	2.13	1.70	1.53	1.40	1000	1.28
815-ASEMB-12-LY-T	ASEMB-12.000MHZ-LY-T	B	12.00	2.55	2.13	1.70	1.53	1.40	1000	1.28
815-ASEMB-20-LY-T	ASEMB-20.000MHZ-LY-T	B	20.00	2.55	2.13	1.70	1.53	1.40	1000	1.28
815-ASEMB-24-LY-T	ASEMB-24.000MHZ-LY-T	B	24.00	2.55	2.13	1.70	1.53	1.40	1000	1.28
815-ASEMB-25-LY-T	ASEMB-25.000MHZ-LY-T	B	25.00	2.55	2.13	1.70	1.53	1.40	1000	1.28
815-ASEMB-26-LY-T	ASEMB-26.000MHZ-LY-T	B	26.00	2.55	2.13	1.70	1.53	1.40	1000	1.28
815-ASEMB-27-LY-T	ASEMB-27.000MHZ-LY-T	B	27.00	2.55	2.13	1.70	1.53	1.40	1000	1.28
815-ASEMB-48-LY-T	ASEMB-48.000MHZ-LY-T	B	48.00	2.55	2.13	1.70	1.53	1.40	1000	1.28
815-ASEMB-50-LY-T	ASEMB-50.000MHZ-LY-T	B	50.00	2.55	2.13	1.70	1.53	1.40	1000	1.28

MOUSER STOCK NO.	Abracon Part No.	Fig.	Freq. (MHz).	Price Each					Reel Qty.	Price Per Piece
				1	10	50	100	500		
<b>Operating Temp. -40°C ~ +105°C; Overall Freq. Stability ±10 ppm</b>										
815-ASEMB-4-XY-T	ASEMB-4.000MHZ-XY-T	B	4.00	2.85	2.38	1.90	1.71	1.57	1000	1.43
815-ASEMB-8-XY-T	ASEMB-8.000MHZ-XY-T	B	8.00	2.85	2.38	1.90	1.71	1.57	1000	1.43
815-ASEMB-10-XY-T	ASEMB-10.000MHZ-XY-T	B	10.00	2.85	2.38	1.90	1.71	1.57	1000	1.43
815-ASEMB-12-XY-T	ASEMB-12.000MHZ-XY-T	B	12.00	2.85	2.38	1.90	1.71	1.57	1000	1.43
815-ASEMB-20-XY-T	ASEMB-20.000MHZ-XY-T	B	20.00	2.85	2.38	1.90	1.71	1.57	1000	1.43
815-ASEMB-24-XY-T	ASEMB-24.000MHZ-XY-T	B	24.00	2.85	2.38	1.90	1.71	1.57	1000	1.43
815-ASEMB-25-XY-T	ASEMB-25.000MHZ-XY-T	B	25.00	2.85	2.38	1.90	1.71	1.57	1000	1.43
815-ASEMB-27-XY-T	ASEMB-27.000MHZ-XY-T	B	27.00	2.85	2.38	1.90	1.71	1.57	1000	1.43
815-ASEMB-30-XY-T	ASEMB-30.000MHZ-XY-T	B	30.00	2.85	2.38	1.90	1.71	1.57	1000	1.43
815-ASEMB-48-XY-T	ASEMB-48.000MHZ-XY-T	B	48.00	2.85	2.38	1.90	1.71	1.57	1000	1.43
815-ASEMB-50-XY-T	ASEMB-50.000MHZ-XY-T	B	50.00	2.85	2.38	1.90	1.71	1.57	1000	1.43
815-ASEMB-80-XY-T	ASEMB-80.000MHZ-XY-T	B	80.00	3.18	2.65	2.12	1.91	1.75	1000	1.59
815-ASEMB-100-XY-T	ASEMB-100.000MHZ-XY-T	B	100.00	3.18	2.65	2.12	1.91	1.75	1000	1.59

**ASFLMB Series: 5.0 x 3.2 x 0.85mm**

MOUSER STOCK NO.	Abracon Part No.	Fig.	Freq. (MHz).	Price Each					Reel Qty.	Price Per Piece
				1	10	50	100	500		
<b>Operating Temp. -40°C ~ +85°C; Overall Freq. Stability ±10 ppm</b>										
815-ASFLMB-8-LY-T	ASFLMB-8.000MHZ-LY-T	C	8.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-10-LY-T	ASFLMB-10.000MHZ-LY-T	C	10.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-11.05LY-T	ASFLMB-11.0592MHZ-LY-T	C	11.0592	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-12-LY-T	ASFLMB-12.000MHZ-LY-T	C	12.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-16-LY-T	ASFLMB-16.000MHZ-LY-T	C	16.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-20-LY-T	ASFLMB-20.000MHZ-LY-T	C	20.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-24-LY-T	ASFLMB-24.000MHZ-LY-T	C	24.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-24.5LY-T	ASFLMB-24.576MHZ-LY-T	C	24.57600	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-25-LY-T	ASFLMB-25.000MHZ-LY-T	C	25.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-27-LY-T	ASFLMB-27.000MHZ-LY-T	C	27.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-30-LY-T	ASFLMB-30.000MHZ-LY-T	C	30.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-40-LY-T	ASFLMB-40.000MHZ-LY-T	C	40.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-48-LY-T	ASFLMB-48.000MHZ-LY-T	C	48.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-50-LY-T	ASFLMB-50.000MHZ-LY-T	C	50.00000	2.49	2.08	1.66	1.49	1.37	1000	1.25
815-ASFLMB-100-LY-T	ASFLMB-100.000MHZ-LY-T	C	100.00000	2.79	2.33	1.86	1.67	1.53	1000	1.40
815-ASFLMB-125-LY-T	ASFLMB-125.000MHZ-LY-T	C	125.00000	2.55	2.13	1.70	1.53	1.40	1000	1.28



NEW FROM ABRACON Frequency Control Abracon NEW FROM ABRACON NEW FROM ABRACON