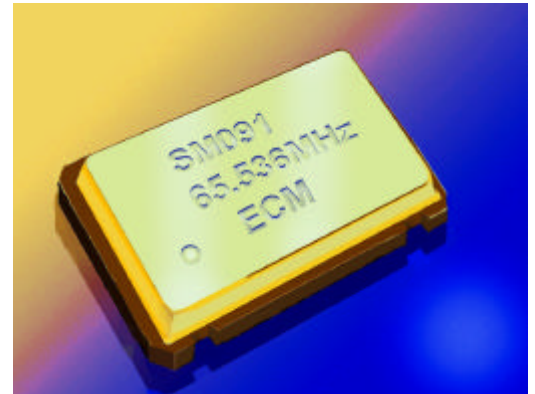


ECM Surface Mount Oscillator

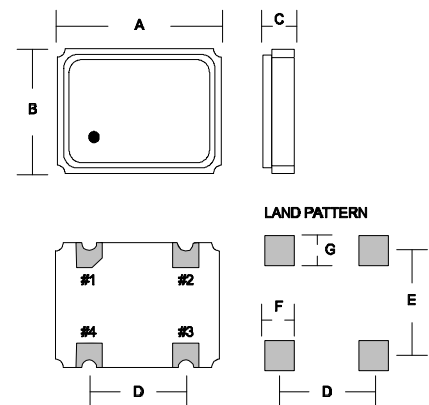
ECX091 Series

- Surface Mount
- TTL and CMOS Compatible
- 3.3V Option
- Output Enable Standard
- Low Power Consumption
- Seam Welded



Parameter	ECX091		
Frequency Range	1.80MHz to 70.0MHz		
	ECX091-T	EX091-C	EX091-L
Frequency Stability	(A) +/-25ppm (B) +/-50ppm (C) +/-100ppm		
Supply Voltage	+5V	+5V	+3.3V
Supply Current			
1.80 to 32.00MHz	10mA	10mA	10mA
32.0 to 50.00MHz	30mA	35mA	18mA
50.0 to 70.0 MHz	50mA	55mA	20mA
70.0 to 125.0MHz	Consult Sales Office	Consult Sales Office	Consult Sales Office
Load	10TTL	15pF	15pF
Duty Cycle	45 - 55	45 - 55	45 - 55
Rise & Fall Times	10nS max	10nS	5nS max
Operating Temp	-10 ⁰ C to + 70 ⁰ C (C) -40 ⁰ C to +85 ⁰ C (E)		
Start-up Times			
1.80 to 32.00MHz	5mS max	5mS max	5mS max
32.0 to 70.00MHz	10mS max	10mS max	10mS max
70.1 to 125MHz	Contact Sales Office	Contact Sales Office	Contact Sales Office

Environmental & Mechanical	
Mechanical Shock	JIS-C-6701
Thermal Shock	JIS-C-9701
Vibration	JIS-C-6701
Soldering Condition	230 ⁰ C for 10s max
Hermetic Seal	JIS-C-6701



Pin	1	2	3	4
Function	Enable Disable	GND	O/P	VDD

Part Numbering: ECX091 T E 6.0M B

Series _____

Option _____

Temperature Range _____

Frequency _____

Stability _____

A	B	C	D	E	F	G
7.50	5.00	1.60	5.08	4.20	1.40	2.00

Dimensions in mm

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Although we have attempted to accurately reflect the products we market. ECM reserve the right without prior notice to discontinue any product or make design changes we believe necessary.

Issue 3