

# ECM Surface Mount VCXO

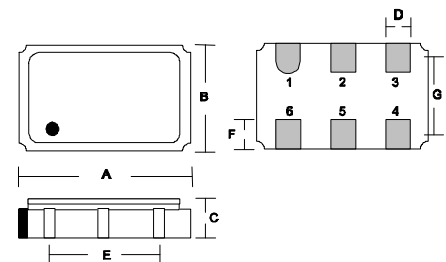
## ECV40 - Series

- Output Enable
- Wide Frequency Range
- 3.3V Supply
- Low Profile

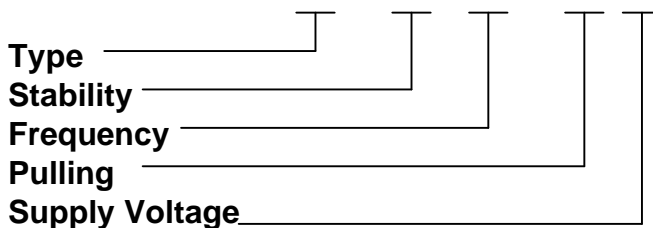


Parameter	ECV40	Notes
Frequency Range	1.00MHz to 52.0MHz	Specify
Frequency Stability	+/-25ppm (A) +/-50ppm (B) +/-100ppm (C)	Specify
Supply Voltage	5V +/-5% (X) 3.3V +/-5% (L)	Specify
Supply Current	15mA – 40mA (frequency dependent)	
Load	15pF	
Duty Cycle	40/60	
Rise & Fall Times	5nS max	
Start Up Time	10mS max	
Modulation	20kHz min	
Control Voltage	+1.65V+/-1.5V +2.5V+/-2.0V	VDD 3.3 VDD 5.0V
Pulling Range	+/- 50ppm (A) +/-100ppm (B)	Specify
Linearity	+/-10%	
Operating Temp	-10°C to +70°C	
Storage Temp	-40°C to +85°C	

Environmental & Mechanical	
<b>Mechanical Shock</b>	JIS-C-6701
<b>Thermal Shock</b>	JIS-C-9701
<b>Vibration</b>	JIS-C-6701
<b>Soldering Condition</b>	230°C for 10s max
<b>Hermetic Seal</b>	JIS-C-6701



### Part Numbering ECV40 A 44.928 B L



Pin	1	2	3	4	5	6
	VC	E/D	GND	O/P	NC	VDD

A	B	C	D	E	F	G
7.50	5.00	1.9	1.40	5.08	1.20	4.00

Dimensions in mm