ECM Surface Mount VCXO

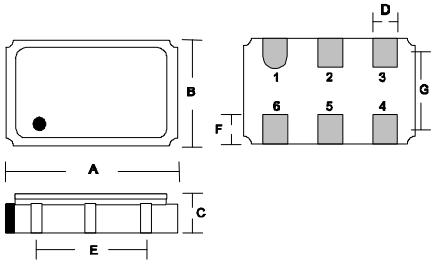
ECV40 - Series

- 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	V_{DD} 3.3 V_{DD} 5.0V
Pulling Range	+/- 50ppm (A) +/-100ppm (B)	Specify
Linearity	+/-10%	
Operating Temp	-10^{0}C to +70^{0}C	
Storage Temp	-40^{0}C to +85^{0}C	

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



Part Numbering ECV40 A 44.928 B L

Type
Stability
Frequency
Pulling
Supply Voltage

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

Dimmensions in mm

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Issue 1