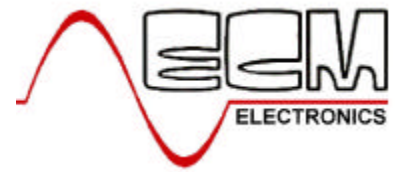


ECM VCXO Crystal Oscillator



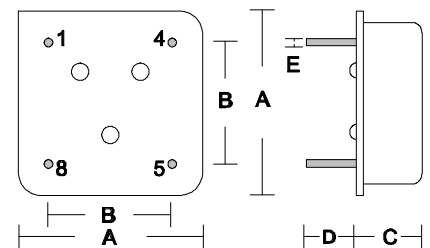
ECV15 Series

- 10.0MHz to 35.0MHz
- Half size (4) pin DIL
- Hermetically Sealed Case
- Fast Delivery
- Custom Options

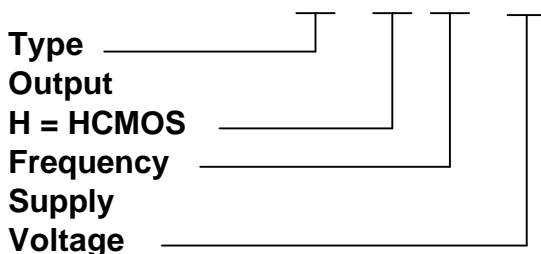


Parameter	ECV15	
Frequency Range	10.0MHz to 35.0MHz	Specify
Frequency Stability	+/-30ppm	
Supply Voltage	5V +/-5% (X) 3.3V +/-5% (L)	Standard Specify
Supply Current	15mA max	
Operating Temp	-10 ⁰ C to + 60 ⁰ C	
Storage Temp	-25 ⁰ C to +100 ⁰ C	
Symmetry	45/55....55/45	
Control Voltage	0.5V to 4.5V 0.5V to 3.3V	Vcc 5.0V Vcc3.3V
Pulling Range	+/-100ppm (min)	
Output	HCMOS 15pF	
Rise & Fall Times	10nS (max)	
Jitter	10pS (max)	

Environmental & Mechanical	
Temp Cycle	+/-5ppm max 0 ⁰ C +120 ⁰ C 3 cycles 2hours max
Shock	3 Shocks in each plane
Vibration	10Hz – 55Hz 1.5mm displacement
Humidity	85% relative humidity
Gross Leak Test	100% test in de-ionised H ₂ O



Part Numbering ECV15 H 20.0 X



Pin	1	7	8	14
	Vc	0V	O/P	Vcc

A	B	C	D	E
12.70	7.62	8.50	3.00	0.45

Dimensions in mm

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