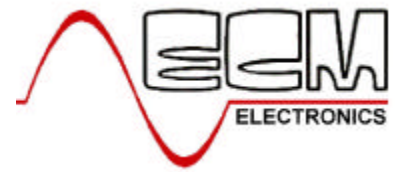
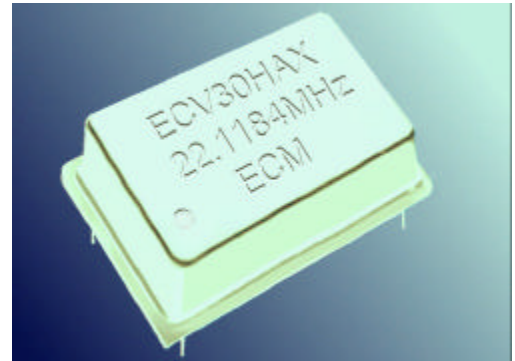


# ECM VCXO Crystal Oscillator



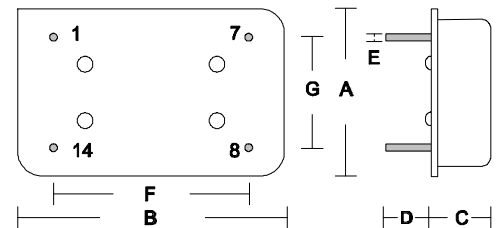
## ECV30 Series

- 1.50MHz to 160.0MHz
- Full size 14 (4) pin DIL
- Hermetically Sealed Case
- Half Size ECV15 Available
- Fast Delivery
- Custom Options

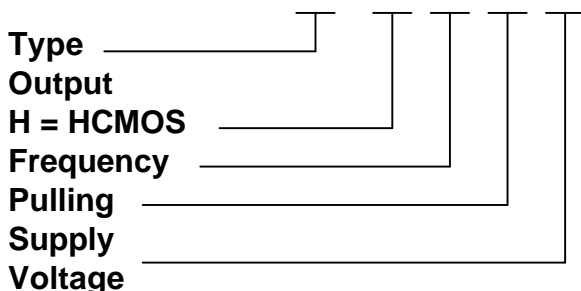


Parameter	ECV30	
Frequency Range	1.50MHz to 160.0MHz	Specify
Frequency Stability	+/-30ppm	
Supply Voltage	5V +/-5% (X) 3.3V +/-5% (L)	Standard Specify
Supply Current	15mA max	
Operating Temp	-10 <sup>0</sup> C to + 60 <sup>0</sup> C	
Storage Temp	-25 <sup>0</sup> C to +100 <sup>0</sup> C	
Symmetry	45/55....55/45	
Control Voltage	0.5V to 4.5V 0.5V to 3.3V	Vcc 5.0V Vcc3.3V
Pulling Range	+/-100ppm (min) (S) +/-200ppm (A) +/-250ppm (B)	Standard Specify Specify
Output	HCMOS 15pF	
Rise & Fall Times	10nS (max)	
Jitter	10pS 1.5MHz to 35MHz 250ps 35MHz to 160MHz	

Environmental & Mechanical	
Temp Cycle	+/-5ppm max 0 <sup>0</sup> C +120 <sup>0</sup> 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 <sub>2</sub> O



### Part Numbering ECV30 H 20.0 A X



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

A	B	C	D	E	F	G
12.70	20.30	8.50	3.00	0.50	15.24	7.62

Dimensions in mm

ECM Electronics Limited, Penmaen House, Ashington, West Sussex, RH20 3JR, UK  
 Tel: +44(0)1903 892810: Fax: +44(0)1903 892738. Email: ecm@ecmelectronics.co.uk

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