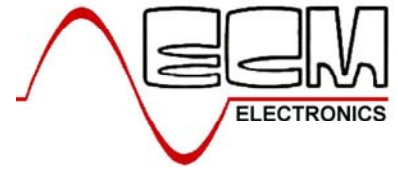
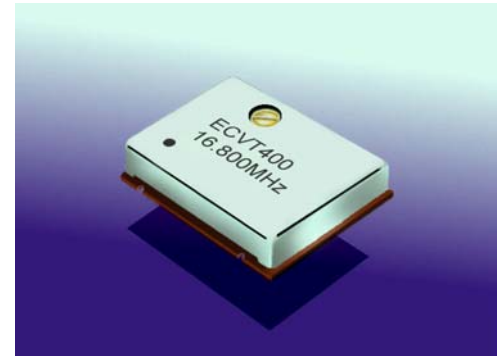


Surface Mount VCTCXO



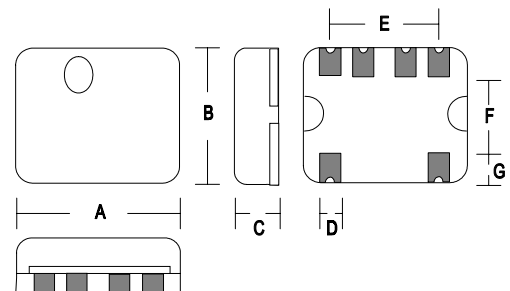
ECVT400 Series

- Low Profile
- Low Current Consumption
- Excellent Stability
- 3V or 5V Supply
- Custom Options

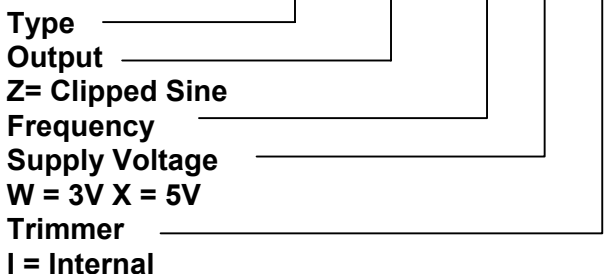


Parameter	ECVT400	
Frequency Range	12.80MHz to 19.68MHz	Specify
Temperature Stability	+/-2.5ppm -10 ⁰ to +60 ⁰ C (A) -20 ⁰ to +75 ⁰ C (B) -30 ⁰ to +75 ⁰ C (C)	Specify
Stability vs Supply	+/-0.3ppm	
Supply Voltage	+5V (W) +3V (X)	Specify
Supply Current	2.0mA	
Output Level	0.8V p-p (min)	
Output Waveform	Clipped Sine	
Output Load	10K Ω //10pF	
Frequency Adjustment	+/-3ppm min	Internal Trimmer
Pulling Range	+/-5.0ppm min	
Control Voltage	2.5V+/-1.0V (Vcc 5.0V) 1.5V+/-1.0V (Vcc 3.0V)	
Aging	+/-1ppm / yr	

Environmental & Mechanical	
Humidity	+40 ⁰ C +/-2 ⁰ C 90% RH for 200Hours
Thermal Shock	+85 ⁰ C for 30 mins -30 ⁰ C for 30 mins
Vibration	10 - 55Hz 2mm amplitude 2 hours XYZ axis
Soldering Condition	235 +/-5 ⁰ c 2 Seconds +/-0.5 S



Part Numbering ECVT400 Z 19.44 W I



Type	A	B	C	D	E	F	G
All	11.40	9.60	2.50	0.80	7.62	7.0	1.30

Dimensions in mm

Pin	1	2	3	4	5	6
	O/P	GND	Vc	Vdd	GND	GND

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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 2