

Surface Mount Crystal Oscillator

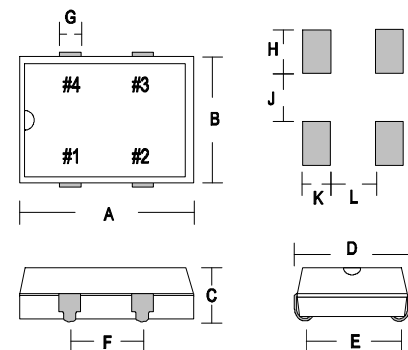
ECM VF315

- Industry Standard Footprint
- Competitive Prices
- Industrial Temperature Range Available
- Output Enable



Parameter	VF315	Notes
Frequency Range	1.50MHz to 70.0MHz	
Frequency Stability	+/-100ppm (C) +/-50ppm (B) +/-25ppm (A)	Standard Option
Supply Voltage	5V +/-5% 3.3V +/-5%	Standard Option
Supply Current	1.5MHz to 12MHz: 16mA 12MHz to 25MHz: 22mA 25MHz to 40MHz: 32mA 40MHz to 70MHz: 56mA	No Load
Load	10TTL gates or 50pF	
Duty Cycle	40 / 60 45/55	Standard Option
Rise & Fall Times	5nS max	
Logic "1" Level	0.9Vcc min	
Logic "0" Level	0.1Vcc max	
Tri-state Function	Input HIGH (>2.5V) or floating ACTIVE Input LOW (<0.5V) INFINITE IMPEDANCE	
Start-up Time	10mS max	2mS Typ
Operating Temp	-10°C to +70°C (-45°C to +85°C) Available	

Environmental & Mechanical	
Mechanical Shock	Mil STD 202 Method 213 Cond E
Thermal Shock	Mil STD 883 Method 1011 Cond A
Vibration	MIL-STD-883 Method 2007 Cond A
Soldering Condition	260°C for 10s max: 230°C for 90s max
Hermetic Seal	Leak rate less than 5×10^{-8} Atm.cc/s of helium



Part Numbering : VF315P H L 6.0M A 1

Type _____
 Duty Cycle H=45/55
 Blank = Standard
 Supply Voltage
 L=3.3V Blank =5.0V
 Frequency _____
 Stability
 A=25ppm B=50ppm C=100ppm
 Temperature Range
 1= -40°C to +85°C Blank = Standard

Pin	1	2	3	4
Function	Tristate	GND/ Case	O/P	Vcc

A	B	C	D	E	F	G
14.22	9.80	4.70	8.65	5.08	5.08	1.52

H	J	K	L
3.00	5.80	1.27	3.81

Dimensions in mm

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