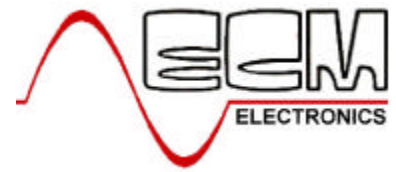


ECM Surface Mount Oscillator



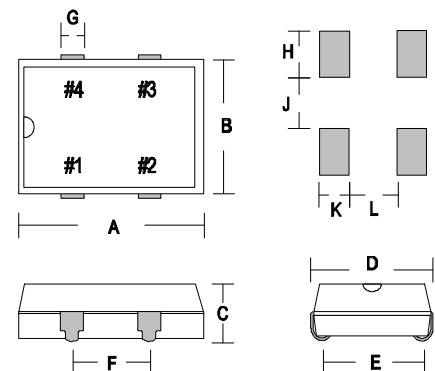
Valpey Fisher VF315

- 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 Option Option
Supply Voltage	5V +/-5% 3.3V +/-5%	Standard Option Option
Supply Current		No Load
1.5MHz to 12MHz	16mA	
12MHz to 25MHz	22mA	
25MHz to 40MHz	32mA	
40MHz to 70MHz	56mA	
Load	10TTL gates or 50pF	
Duty Cycle	40 / 60 45/55	Standard Option 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° 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 5x10 ⁻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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