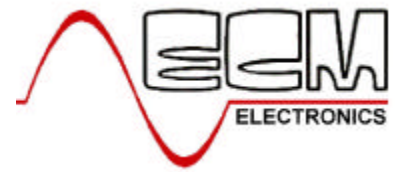


ECM Surface Mount Oscillator



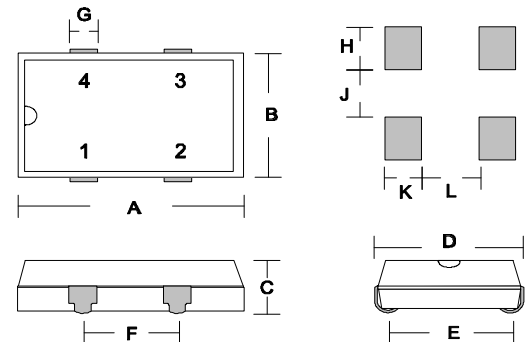
EC615 Series

- Molded Plastic Package
- Excellent Shock Resistance
- Output Enable
- Tape & Reel or Bulk Packaging
- Competative Prices for Volume Users
- Compatible with EPSON SG615 Series

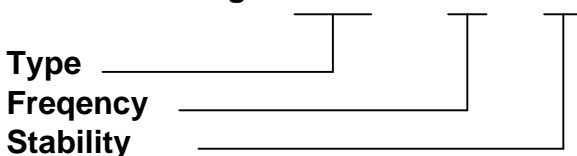


Parameter	EC615PT	EC615PH
Frequency Range	1.80 to 50.0MHz	1.80 to 67.0MHz
Frequency Stability	+/-50ppm (B) +/-100ppm (C)	
Supply Voltage	0.3V to +7.0V	
Supply Current	22mA to 60mA Frequency dependant	
Load	10TTL	50pF – 10TTL
Duty Cycle	45/55	45/55 – 40/60
Rise & Fall Times	5nS	10nS
Operating Temp	-10 ⁰ C to +70 ⁰ C	
Storage Temp	-55 ⁰ C to +125 ⁰ C	
Output Voltage	2.4V min 16mA	-0.5V min 16mA
Enable Disable	2.2V min	
Input Voltage	0.8V max	
Aging	+/-5ppm / year	

Environmental & Mechanical	
Mechanical Shock	EIAJ ED-4701 A-124
Thermal Shock	EIAJ ED-4701-b-131
Vibration	EIAJ ED-4701 A-121
Soldering Condition	260 ⁰ C for 10 Seconds max 230 ⁰ C within 3 Minutes



Part Numbering EC615PT 16.384M B



Pin	1	2	3	4
Function	En / Dis	GND	O/P	VDD

A	B	C	D	E	F
12.80	8.65	4.40	9.80	7.62	5.08

G	H	J	K	L
1.00	3.0	5.80	1.27	3.81

Dimmensions 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

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.