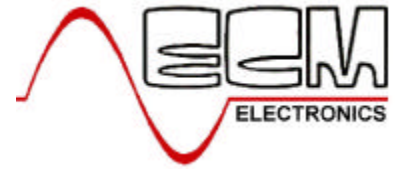


VCXO Voltage Controlled Oscillator



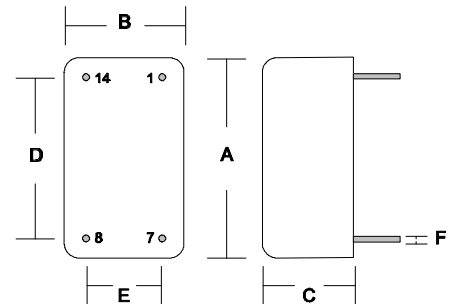
ECV20 Series

- 60kHz to 120.0MHz
- Low Cost
- Fast Delivery
- Custom Options Available



Parameter	ECV20A	ECV20F	ECV20H	ECV20T
Frequency Range	12.0MHz to 120.0MHz	12.0MHz to 75.00MHz	60.0kHz to 50.00MHz	60.0kHz to 50.0MHz
Supply Voltage	+5Vdc +/- 5%			
Supply Current (max)	50mA	40mA	20mA	30mA
Stability	+/-50ppm			
Operating Temp	-10°C to +70°C			
Storage Temp	-25°C to +100°C			
Symmetry	55/45	60/40	55/45	60/40
Control Voltage	0.5Vdc to 5.0Vdc			
Pulling Range	+/- 200ppm (A) +/- 250ppm (B) +/- 300ppm (C)			
Output	ACMOS	FTTL	HCMOS	LSTTL
Rise & Fall Times (max)	5nS	6nS	10nS	10nS

Environmental & Mechanical	
Shock	MIL-STD-202 30G 11ms
Vibration	MIL-STD-202 5G to 2000Hz
Soldering Condition	Lead Temperature 260°C 10s max



Part Numbering: ECV20 A 20.00 A X

Type _____

Output _____

A = ACMOS F= FTTL

H= HCMOS T= LSTTL

Frequency _____

Pulling Range _____

A=200ppm B=250ppm C=300ppm

Supply Voltage _____

X = 5V

Pin	1	7	8	14
Function	VC	0V	Output	VDD

A	B	C	D	E	F
25.00	15.00	10.00	15.24	7.62	0.50

Dimensions in mm

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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 1