

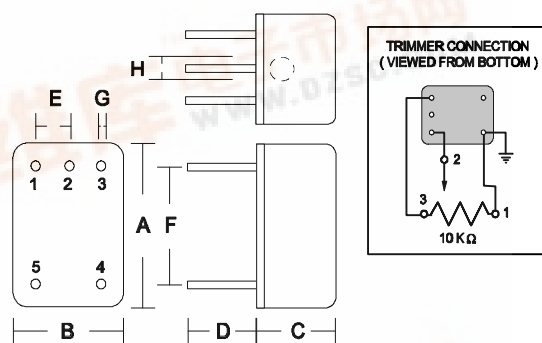
ECM OCXO Crystal Oscillator

ECO30 Series

- +/- 0.1ppm Stability
- Internal or External Trimmer
- Fast Delivery
- European Manufacture
- Custom Options



Parameter	ECO30	
Frequency Range	5.0MHz to 20.0MHz	Specify
Supply Voltage	+5 (A) +9 (B), +12 (C) +15 (D) +18 (E) +24 (F)	Specify
Supply Voltage Stability	+/-0.05ppm +/-5%	
Stability Over 24Hrs	+/-0.05ppm	
Adjustment	+/-0.5ppm on delivery (Vc at 2.5V)	If Fitted
Frequency Adjustment		
Internal Trimmer	+/-15pp min (Vc at 2.5V) (A)	If Fitted
Voltage Control	+/-15ppm over 0-5 Vc (B) Both (C)	If Fitted
Temperature Stability	+/-0.1ppm 0°C to + 60°C A +/-0.1ppm -10°C to + 60°C B +/-0.2ppm -10°C to + 70°C C +/-0.2ppm -40°C to + 70°C D +/-0.1ppm -10°C to + 70°C E	Specify
Output	HCMOS	
Symmetry	45/55%	
Warm Up Time	1 Hour to Full Specification	
Warm Up Power	7.5W max	
Steady State	2W max @ 25°C in still air	
Aging Cold Weld	+/-0.05ppm/day after 24 Hours +/-3ppm 1 st yr	
Glass	+/-0.02ppm/day after 24 Hours +/-1ppm 1 st yr	



A	B	C	D	E	F	G	H
36.1	26.8	25.4	5.0	8.89	25.4	0.76	3.00

Dimensions in mm

Pin	1	2	3	4	5
Connection	Vc	Nc	Vcc	O/P	GND

Ordering Information

Part Number ECO30 H 10.0 B A B A
 Type _____
 Output _____
 Frequency _____
 Stability _____
 Supply Voltage _____
 Trim Option _____
 Internal A
 External B
 Both C
 Cold Weld
 Glass