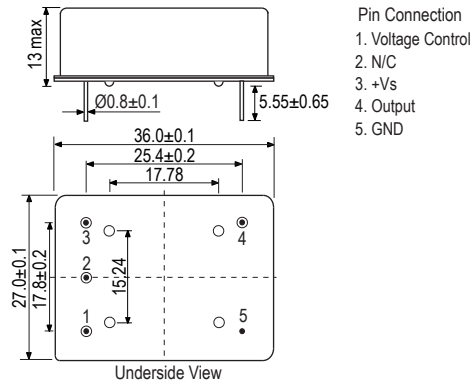


# OSCILLATOR SPECIFICATION

Part Number + Packaging: **LFOCXO053630Bulk**

Model: IQOV-70-9





Outline drawing; All Dimensions in mm

Frequency	125.0MHz
Holder	36 x 27mm
Frequency Tolerance @ 25°C	±300ppb max
Frequency Stability vs Operating Temperature Range	±150ppb max
Operating Temperature Range	-40 to 75°C
Ageing (after 30 days continuous operation)	±500ppb max per year
Supply Voltage Variation (@ ±5% change)	±50ppb max
Load Variation (@ ±5% change)	±50ppb max
Supply Voltage	5.0V ±5%
Current Consumption	500mA max @ 25°C steady state 1000mA max during warm-up
Pullability	±3000ppb min to ±6000ppb max
Voltage Control	2.0V ±2.0V
Input Impedance	10kΩ min
Output Compatibility	Sinewave
Output Load	50Ω
Output Voltage	+3dBm min
Phase Noise	-80dBc/Hz @ 10Hz -110dBc/Hz @ 100Hz -130dBc/Hz @ 1kHz -140dBc/Hz @ 10kHz -145dBc/Hz @ 100kHz
Attenuation of Sub-harmonics	35dB min
Nominal Frequency Reference Temperature	25°C ±3°C
Reference Voltage Control	2.0V
Storage Temperature Range	-40 to 85°C

Packaging	Bulk
RoHS Status	RoHS Compliant
Marking Includes	IQD FOQ, Model, Frequency, Date Code

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Issue	1				
Date	26th May 2011				
Eng. Approval					
QA Approval					

Please note that, if required, IQD can vary all the parameters of this product to better suit your application, please contact our sales team for more details.