

Quick Turn XO/VCXO up to 1450 MHz

Features

- SMD package 7,0 x 5,0 x 1,8 mm and SMD 5,0 x 3,2 x 1,2 mm
- **Quick Turn: within 8 days delivery possible**
- LVPECL/ LVDS or CMOS Output is available

Applications

High Speed Data Transfer, Optical Network, Ethernet

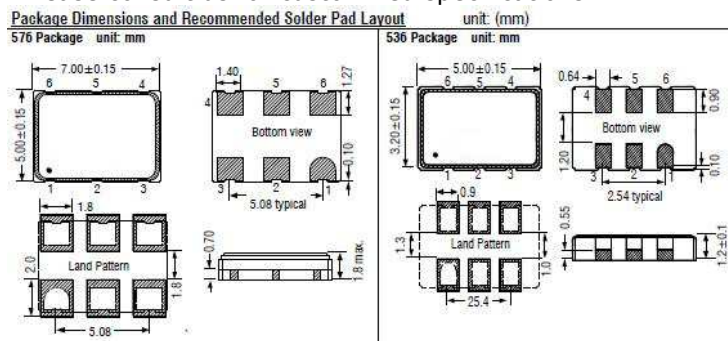
Specifications

Item	Symbol	Specifications	Conditions
Output frequency	f_0	10 MHz to 1450 MHz	
Supply voltage	Vcc	+2.5V and +3.3V	
Current consumption	Icc	CMOS (250 MHz: 37mA) LVPECL (1 GHz: 62mA) LVDS (1 GHz: 26 mA)	Vcc= +3.3 V
Output Wave		LVPECL/ LVDS or CMOS	
Phase Jitter		1.2 ps typ. (RMS, 12KHz to 20 MHz)	(622.080 MHz)
Stability		+50 ppm max. (default) +25 ppm max. (available)	(from -40 to +85°C)
Voltage Control (for VCXO only)		+100 ppm min.	(+1.65V +- 1.35V)

Phase Noise (622.080 MHz)

Frequency Offset (Hz)	Phase Noise (dBc/Hz)
100 Hz	-85 typ.
1 k	-101 typ.
10 k	-102 typ.
100 k	-103 typ.

*Please consult us for customized specifications.



Pad Electrical Connections			
Pad 1	OE: High Enable	Pad 4	CMOS: Output LVPECL or LVDS: Differential Output
Pad 2	No Connection	Pad 5	CMOS: No connection LVPECL or LVDS: Complementary Output
Pad 3	Ground	Pad 6	Supply voltage