

Xpress0™ Crystal Oscillators

Not Just a New Oscillator Family But a New Oscillator Technology!



Features:

- ▶ XTREMELY Low Jitter
- ▶ Low Cost
- ▶ XPRESS Delivery (in as Short as 1 Week Delivery)
- ▶ Frequency Resolution to Six Decimal Places
- ▶ Stabilities to ± 20 ppm
- ▶ -20 to +70°C or -40 to +85°C Operating Temperatures
- ▶ Tri-State Enable/Disable Feature
- ▶ Industry Standard Package, Footprint and Pin-Out
- ▶ Fully RoHS Compliant
- ▶ Gold Over Nickel Termination Finish
- ▶ Serial ID with Comprehensive Traceability

Applications:

- ▶ ANY Application Requiring an Oscillator
- ▶ SONET
- ▶ Ethernet
- ▶ Storage Area Network
- ▶ Broadband Access
- ▶ Microprocessors/DSP/FPGA
- ▶ Industrial Controllers
- ▶ Test and Measurement Equipment
- ▶ Fiber Channel
- ▶ Standard Values Are Represented Below.
- ▶ For Additional Values Please Contact Your Allied Sales Representative

FXO - H C 3 2 5 R - 106.25 Frequency (in MHz)
Resolutions to 6 places past the decimal point

H = HCMOS

C = Ceramic

3 = 3.2 x 2.5mm

3 = 3.3 V

0 = ± 100 PPM

blank = -20°C to +70°C

L = LVDS

Q = Quartz

5 = 5 x 3.2mm

2 = 2.5 V

5 = ± 50 PPM

R = -40°C to +85°C

P = LVPECL

M = LVDS (pin 2 E/D)

7 = 7 x 5mm

6 = ± 25 PPM (-20 ~ +70°C)

Q = LVPECL (pin 2 E/D)

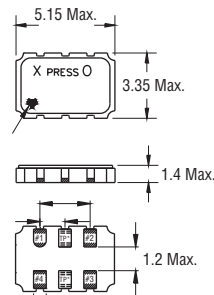
X = HCMOS (comp 2nd Output)

Fig. 1

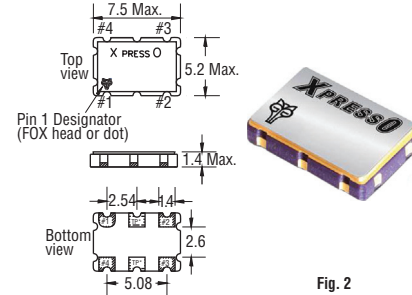


Fig. 2

Stock No.	Mfr.'s Type	Fig.	Frequency (MHz)	Voltage (VDC)	Stability (ppm)	Output	Package Size (mm)	EACH			
								1-24	25-49	50-99	100-249
70025765	FXO-HC536R-3.6864	1	3.68400	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025766	FXO-HC536R-4	1	4.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025767	FXO-HC536R-8	1	8.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025768	FXO-HC536R-10	1	10.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025801	FXO-HC536R-12	1	12.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025802	FXO-HC536R-14.31818	1	14.31818	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025803	FXO-HC536R-16	1	16.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025804	FXO-HC536R-16.384	1	16.38400	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025805	FXO-HC536R-20	1	20.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025806	FXO-HC536R-24	1	24.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025807	FXO-HC536R-24.576	1	24.57600	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025808	FXO-HC536R-25	1	25.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025809	FXO-HC536R-27	1	27.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025810	FXO-HC536R-30	1	30.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025811	FXO-HC536R-32	1	32.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025812	FXO-HC536R-33	1	33.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025813	FXO-HC536R-33.333	1	33.33300	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025814	FXO-HC536R-40	1	40.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025815	FXO-HC536R-48	1	48.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025816	FXO-HC536R-50	1	50.00000	3.3	25	HCMOS	5 x 3.2	1.63	1.45	1.19	1.09
70025817	FXO-HC536R-60	1	60.00000	3.3	25	HCMOS	5 x 3.2	1.73	1.54	1.26	1.16
70025818	FXO-HC536R-62.5	1	62.50000	3.3	25	HCMOS	5 x 3.2	1.73	1.54	1.26	1.16
70025819	FXO-HC536R-66	1	66.00000	3.3	25	HCMOS	5 x 3.2	1.73	1.54	1.26	1.16
70025820	FXO-HC536R-75	1	75.00000	3.3	25	HCMOS	5 x 3.2	1.81	1.61	1.32	1.21
70025821	FXO-HC536R-80	1	80.00000	3.3	25	HCMOS	5 x 3.2	1.89	1.68	1.37	1.26
70025822	FXO-HC536R-100	1	100.00000	3.3	25	HCMOS	5 x 3.2	2.50	2.22	1.82	1.67
70025823	FXO-HC536R-125	1	125.00000	3.3	25	HCMOS	5 x 3.2	2.88	2.56	2.10	1.92
70025824	FXO-HC536R-200	1	200.00000	3.3	25	HCMOS	5 x 3.2	5.64	5.01	4.10	3.76
70025825	FXO-HC736R-1.00000	2	1.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025826	FXO-HC736R-1.8432	2	1.84320	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025827	FXO-HC736R-2.048	2	2.04800	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025828	FXO-HC736R-3.6864	2	3.68640	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025829	FXO-HC736R-4	2	4.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025830	FXO-HC736R-8	2	8.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025831	FXO-HC736R-10	2	10.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025832	FXO-HC736R-12	2	12.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025833	FXO-HC736R-12.288	2	12.28800	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025834	FXO-HC736R-14.31818	2	14.31818	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025835	FXO-HC736R-16	2	16.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025836	FXO-HC736R-16.384	2	16.38400	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025837	FXO-HC736R-20	2	20.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025838	FXO-HC736R-24	2	24.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025839	FXO-HC736R-24.576	2	24.57600	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025840	FXO-HC736R-25	2	25.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025841	FXO-HC736R-27	2	27.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025842	FXO-HC736R-30	2	30.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025843	FXO-HC736R-32	2	32.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025844	FXO-HC736R-33	2	33.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025845	FXO-HC736R-33.333	2	33.33300	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025846	FXO-HC736R-40	2	40.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025847	FXO-HC736R-48	2	48.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025848	FXO-HC736R-50	2	50.00000	3.3	25	HCMOS	5 x 7.5	1.63	1.45	1.19	1.09
70025849	FXO-HC736R-60	2	60.00000	3.3	25	HCMOS	5 x 7.5	1.73	1.54	1.26	1.16
70025850	FXO-HC736R-62.5	2	62.50000	3.3	25	HCMOS	5 x 7.5	1.73	1.54	1.26	1.16
70025851	FXO-HC736R-66	2	66.00000	3.3	25	HCMOS	5 x 7.5	1.73	1.54	1.26	1.16
70025852	FXO-HC736R-66.666	2	66.66600	3.3	25	HCMOS	5 x 7.5	1.73	1.54	1.26	1.16
70025853	FXO-HC736R-75	2	75.00000	3.3	25	HCMOS	5 x 7.5	1.81	1.61	1.32	1.21
70025854	FXO-HC736R-80	2	80.00000	3.3	25	HCMOS	5 x 7.5	1.89	1.68	1.37	1.26
70025855	FXO-HC736R-100	2	100.00000	3.3	25	HCMOS	5 x 7.5	2.50	2.22	1.82	1.67
70025856	FXO-HC736R-125	2	125.00000	3.3	25	HCMOS	5 x 7.5	2.88	2.56	2.10	1.92
70025857	FXO-HC736R-200	2	200.00000	3.3	25	HCMOS	5 x 7.5	5.64	5.01	4.10	3.76