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LVDS Surface Mount XO

* LVDS Output

CARDINAL COMPONENTS

Applications

- * Serial Communications
- * Routers
- * Switches
- * WAN Interfaces
- * Test Equipment





Part Numbering Example: CFL4 Z - A5 BP - 222.5792

BP 222.5792 CFL4 STABILITY FREQUENCY SERIES PACKAGING OPTIONS OPERATING TEMP.

CFL4 Blank = Bulk

* Industry Standard Outline

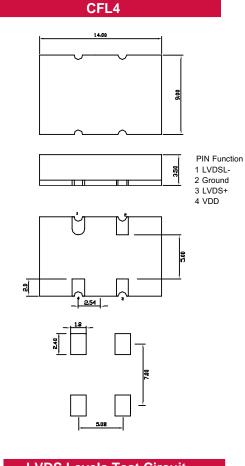
Z = Tape and Reel

Blank = ±100 ppm

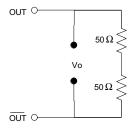
Blank = 0°C ~ +70°C A5 = -20°C ~ +70°C A7 = -40°C ~ +85°C

 $BP = \pm 50 \text{ ppm}$

Specifications:	Min	Тур	Мах	Unit
Frequency Range:	38		640	MHz
Stability:	-50		+ 50	ppm
Supply Voltage:	3.135	3.3	3.465	V
Operating Temperature:	-40		+ 85	°C
Storage Temperature:	-55		+ 125	°C
Duty Cycle:	45		55	%
Start-Up Time:		3	10	mS
Aging: (ppm/1st Year) Ta=25C, Vdd=3.3V			5	ppm
Supply Current:			100	mA
Short Circuit Current:		± 50		mA
RMS Period Jitter:		5		pS
RMS Integrated Jitter: 12kHz to 20MHz		0.7		pS
Phase Noise @ 10kHz:			-120	dBc/Hz
Output Voltage: Voh Vol	Vdd - 0.9		Vdd - 1.6	V V
Output Differential Voltage:	247	355	454	mV
Rise/Fall Time:		0.4	0.8	nS
Output Level: LVDS				
Packaging: Tape and Reel 1000 pcs per Reel				



LVDS Levels Test Circuit



Cardinal Components, Inc., 155 Rt. 46 W, Wayne, NJ. 07470 TEL: (973)785-1333 FAX: (973)785-0053 E-Mail: sales@cardinalxtal.com http://www.cardinalxtal.com

