

- * LVPECL Output
- * Industry Standard Outline

Applications

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

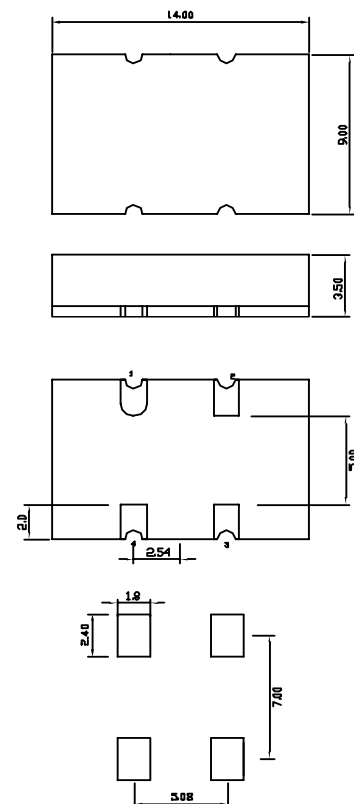


Part Numbering Example: CFE4 Z - A5 BP - 222.5792

CFE4	Z	A5	BP	222.5792
SERIES	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	FREQUENCY
CFE4	Blank = Bulk Z = Tape and Reel	Blank = 0°C ~ +70°C A5 = -20°C ~ +70°C A7 = -40°C ~ +85°C	Blank = ±100 ppm BP = ±50 ppm	

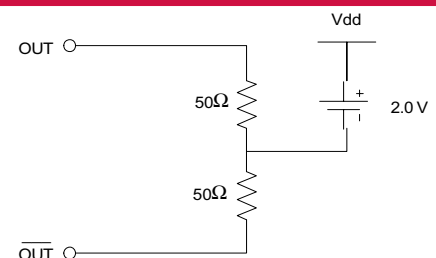
Specifications:	Min	Typ	Max	Unit
Frequency Range:	38		640	MHz
Stability:	-50		+ 50	ppm
Supply Voltage:	3.135	3.3	3.465	V
Operating Temperature:	-40		+ 85	°C
Storage Temperature:	-55		+ 125	°C
Duty Cycle:	45		55	%
Start-Up Time:		3	10	mS
Aging: (ppm/1st Year) Ta=25C, Vdd=3.3V			5	ppm
Supply Current:			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 - 1.025		Vdd - 1.62	V V
Rise/Fall Time:		0.4	0.8	nS
Output Level:	LVPECL			
Packaging:	Tape and Reel 1000 pcs per Reel			

CFE4



PIN Function
 1 LVPECL-
 2 Ground
 3 LVPECL+
 4 VDD

LVPECL Levels Test Circuit



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

