

Programmable LVPECL Oscillator

Series

CPPHE

- \* LVPECL Output
- \* Factory Programmable
- \* Differential LVPECL Output
- \* Industry Standard Packaging

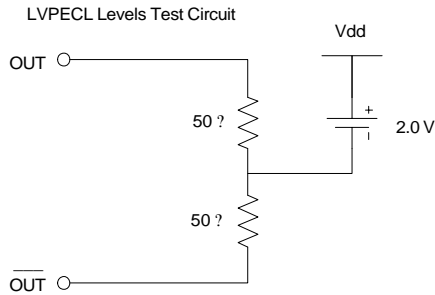
Applications

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

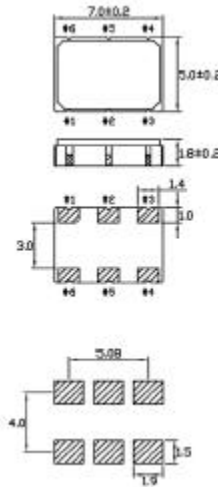


Part Numbering Example: CPPHE7-A7BR-Freq.

Specifications:	Min	Typ	Max	Unit
Frequency Range:	200		700	MHz
Stability:	-25		+ 25	ppm
Supply Voltage:	3.125	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
Static Discharge Voltage:	2000			V
Supply Current:			130	mA
Short Circuit Current:		± 50		mA
Jitter (RMS) Period:		10		pS
Output Voltage Voh Vol	Vdd - 1.025		Vdd - 1.62	V
Rise/Fall Time:		0.6	1.5	nS
Output Level:	LVPECL			
Packaging:	Tape and Reel 1000 pcs per Reel			



Dimensions are in mm



- PIN Function
- 1 OE (CMOS)
  - 2 Do Not Connect
  - 3 Ground
  - 4 LVPECL +
  - 5 LVPECL -
  - 6 Vdd

Solder Pad Layout