

**Programmable LVPECL Oscillator**

Series

**CPPHE**

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

**Applications**

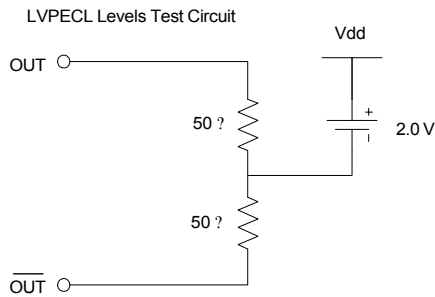
- \* Serial Communications
- \* Routers
- \* Switches
- \* WAN Interfaces
- \* Test Equipment



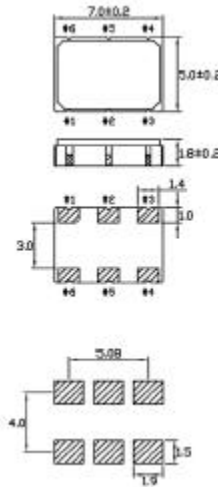
**Part Numbering Example: CPPHE7-A7BR-Freq.**

Specifications:	Min	Typ	Max	Unit
<b>Frequency Range:</b>	200		700	MHz
<b>Stability:</b>	-25		+ 25	ppm
<b>Supply Voltage:</b>	3.125	3.3	3.465	V
<b>Operating Temperature:</b>	-40		+ 85	°C
<b>Storage Temperature:</b>	-55		+ 125	°C
<b>Duty Cycle:</b>	45		55	%
<b>Start-Up Time:</b>		3	10	mS
<b>Aging: (ppm/1st Year)</b> Ta=25C, Vdd=3.3V			5	ppm
<b>Static Discharge Voltage:</b>	2000			V
<b>Supply Current:</b>			130	mA
<b>Short Circuit Current:</b>		± 50		mA
<b>Jitter (RMS) Period:</b>		10		pS
<b>Output Voltage</b> Voh Vol	Vdd - 1.025		Vdd - 1.62	V V
<b>Rise/Fall Time:</b>		0.6	1.5	nS
<b>Output Level:</b>	LVPECL			
<b>Packaging:</b>	Tape and Reel 1000 pcs per Reel			

Tristate internal pull up, output active when high



Dimensions are in mm



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

Solder Pad Layout

