

Programmable LVDS Oscillator

Series

CPPHV

- * LVDS Output
- * Factory Programmable
- * Differential LVDS Output
- * Industry Standard Packaging

Applications

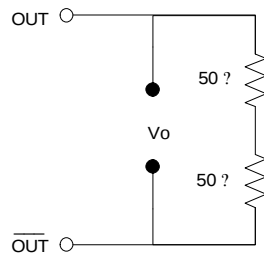
- * Serial Communications
- * Routers
- * Switches
- * WAN Interfaces
- * Test Equipment



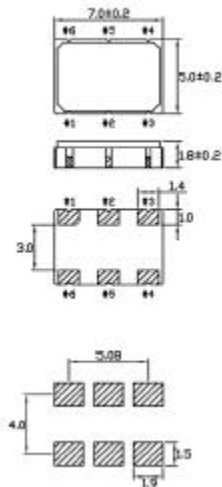
Part Numbering Example: CPPHV7-A7BC-Freq.

Specifications:	Min	Typ	Max	Unit
Frequency Range:	150		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=25°C, 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	0.9		1.6	V V
Rise/Fall Time:		0.7	1.0	nS
Output Level:	LVDS			
Packaging:	Tape and Reel 1000 pcs per Reel			

LVDS Levels Test Circuit



Dimensions are in mm



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

Solder Pad Layout