

Programmable VCXO

• 9.6 x 11.4 SMD

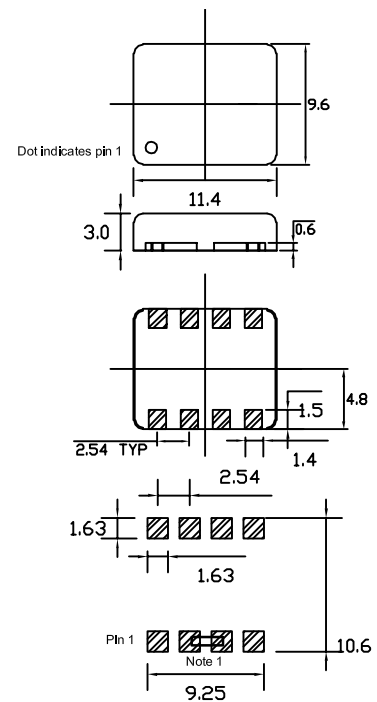


Part Numbering Example: CVPPZ - 100.0

CVPP	Z	100.0
SERIES	ADDED FEATURES	FREQUENCY
Blank	= Bulk	1.0 – 200.0
T	= Tube	
Z	= Tape/Reel	

Specifications:	Min	Typ	Max	Unit
Frequency Range:	1.0		200.0	MHz
Stability Options	-50		50	ppm
Programmable Input Voltage	3.135	3.3	3.465	V
Operating Temperature Range Options:	-30		75	°C
Storage Temperature:	-55		125	°C
Aging (PPM/1st Year): Ta=25C, Vdd=3.3V			± 5	
Pull Range	-100		100	
Supply Current		40		mA
Frequency Tuning Range		74		ppm/V
Start-Up Time		3	10	ms
Programmable Output Level:	CMOS			

CVPP



Recommended solder pad layout
Note 1: Connect pin 2 to pin 3

PIN FUNCTION

- PIN 1 OE
- PIN 2 CONNECT TO PIN 3
- PIN 3 CONNECT TO PIN 2
- PIN 4 GND
- PIN 5 OUTPUT
- PIN 6 VCONTROL
- PIN 7 FACTORY USE (MAKE NO CONNECTION)
- PIN 8 VDD

Tristate internal pull up. Output active when high.

Notes: Recommended .01 μF bypass capacitor from Vcc to GND. Capacitor should be as close to oscillator as possible.

