

## **Excellent Integrated System Limited**

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Cardinal Components](#)

[C3VFSC7](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**CARDINAL COMPONENTS**

**Telecom OC12 VCXO**

- 311.04 MHz Fixed Osc
- CMOS Output

**Applications**

- SDH / SONET
- Digital Switching
- Test Equipment
- Cellular Telephony
- Land Mobile Radio

Series **C3VFSC**

Part Numbering Example: C3VFSC Z

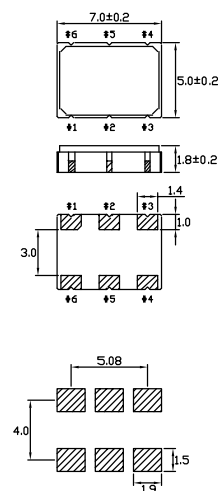
**C3VFSC**

**SERIES**

Specifications:	Min	Typ	Max	Unit
Frequency Range:		311.04		MHz
Available Stability Options:	-30		30	ppm
Supply Voltage:	3.135	3.3	3.465	V
Operating Temperature Range Options:	-10		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	
Static Discharge Voltage Mil-Std 883, method 3015	2000			V
Supply Current			40	mA
Short Circuit Current		± 50		mA
Jitter (RMS) Integrated (12KHz - 20MHz) Period		3 10	4	pS pS
Phase Noise @10KHz Offset		-122		dBc/Hz
Vcon Modulation BW 0V ≤ Vcon ≤ 3.3V, -3dB	25			KHz
Pull Range	-190		190	ppm
Linearity		5	10	%
Frequency Tuning Range		115		ppm/V

Output Level: CMOS

**C3VFSC**



- PIN FUNCTION
- 1 VCONTROL
  - 2 OE
  - 3 GND
  - 4 CMOS OUT
  - 5 NC
  - 6 VDD
- DIMENSIONS ARE IN MM

Notes: Extended exposure exceeding maximum ratings may cause permanent damage and affect reliability. Operation outside of specifications is not supported.

