



**Description**

Standard 7 x 5mm Voltage Controlled Crystal Oscillator  
Ceramic package with a seam sealed metal lid, hermetically sealed

Model	CFPV-44
Model Issue number	7

**Frequency Parameters**

Frequency	12.2880MHz
Frequency Tolerance @ 25°C	INCLUSIVE
Frequency Stability	±50.00ppm
Operating Temperature Range	-10.00 to 70.00°C
Ageing	

**Electrical Parameters**

Supply Voltage	3.3V
Supply Voltage Tolerance	±0.3V
Current Draw	15mA max

**Frequency Adjustment**

Pulling	±100ppm min
Control Voltage Details	1.65V ±1.5V
Input Impedance	

**Output Details**

Output Compatability	HCMOS
Output Load	15pF max
Rise and Fall time (10% - 90%)	5ns max
Duty Cycle	40/60% max

**Environmental Parameters**

Shock: MIL-STD-202F, Method 213B (1000G, 0.5ms, 1/2 sine)  
Vibration: Sinewave, frequency range 10-55Hz, amplitude 1.52mm, 2hrs in X, Y, Z axes (total 6 hrs)  
Storage Temperature Range: -40 to 85°C

**Compliance**

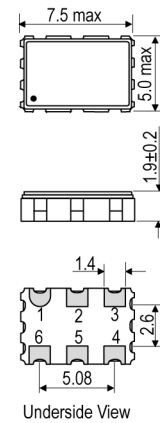
RoHS Status	Compliant
REACH Status	Compliant

**Packaging**

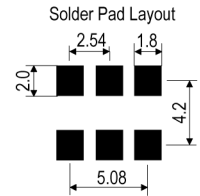
Pack Type: Bulk	Loose in bulk pack
Pack Size	100
Alternative packing option available	

*This document is correct at the time of printing; please contact your local office for the latest version.*

**Outline (mm)**



- Pad Connections
1. Voltage Control
  2. Tri-State Operation
  3. GND
  4. Output
  5. N/C
  6. +Vs



**Contact Details:**

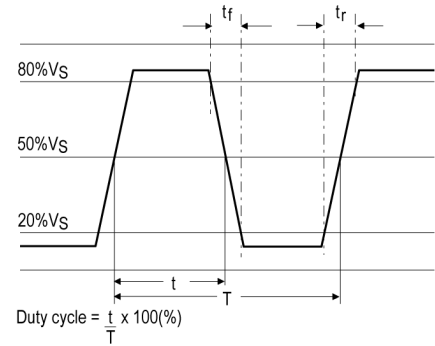
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Taiwan: +886 (0)2 8758 2283  
USA: +1 (0) 650 798 5047

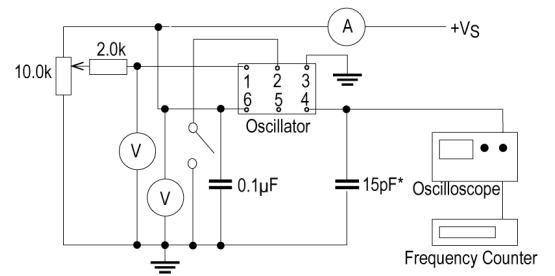
Email: [info@iqdfrequencyproducts.com](mailto:info@iqdfrequencyproducts.com)  
Web: [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)



**Wave Form**



**Test Circuit**



\*Inclusive of jigging and equipment capacitance

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