



Description

- Standard 7 x 5 crystal oscillator
Ceramic package with a seam sealed metal lid, hermetically sealed

Model	CFPS-73
Model Issue number	12

Frequency Parameters

Frequency	20.0MHz
Frequency Tolerance @ 25°C	INCLUSIVE
Frequency Stability	±100.00ppm
Operating Temperature Range	0.00 to 70.00°C
Ageing	±3ppm per year max

Electrical Parameters

Supply Voltage	3.3V
Supply Voltage Tolerance	±10%
Current Draw	12mA max

Output Details

Output Compatibility	HCMOS
Output Load	50pF max
Rise and Fall time (20% - 80%)	10ns max
Duty Cycle	45/55

Output Control

- Logic '1' (>70% VS) to pad 1 enables oscillator output
- Logic '0' (<30% VS) to pad 1 disables oscillator output; the oscillator output goes to the high impedance state
- No connection to pad 1 enables oscillator output
- Standby Current: 10µA max

Environmental Parameters

- Shock: MIL-STD-202, Method 213, Condition E
- Vibration: MIL-STD-883, Method 2007, Condition A
- Storage Temperature Range: -55 to 125°C

Compliance

RoHS Status	Compliant
REACH Status	Compliant

Packaging

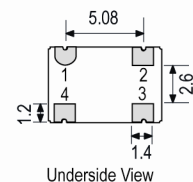
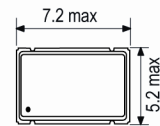
Pack Type: Bulk	Loose in bulk pack
Pack Size	100

- Alternative packing option available

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

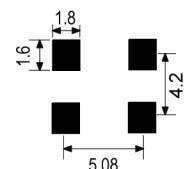


Outline (mm)

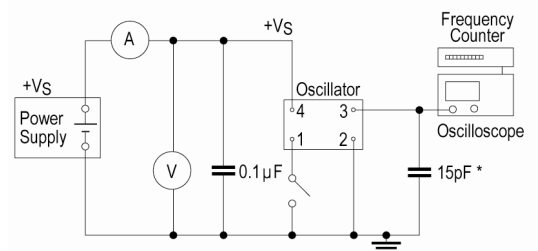


- Pad Connections
- Standby Operation
 - GND
 - Output
 - +VS

Solder Pad Layout



Test Circuit



* Inclusive of jigging and equipment capacitance

Sales Office Contact Details:

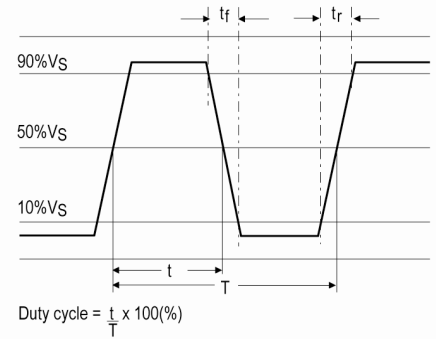
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Wave Form



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