

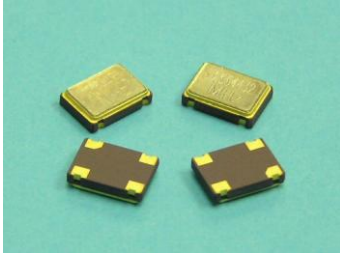
# Product Specification



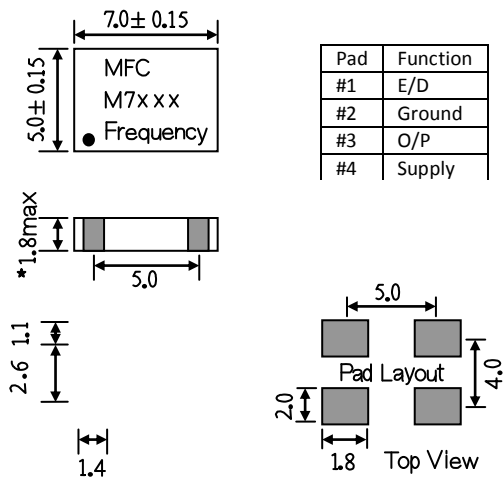
This product is certified to comply with the RoHS Directive 2002/95/EC.



## M718 Series SMD Clock Oscillator

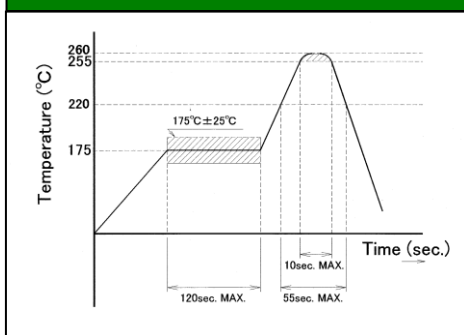


- 7.0x5.0x1.6mm
- Ceramic package
- 1.8V supply
- Small size
- Tri-state
- Wide frequency range
- -40 ~ +85°C available



\* Note. 1.5mm high max. version available. Option 'T'

### Reflow Profile



### Specification

<b>Frequency range</b>	1.0 ~ 125MHz
<b>Stability (Note 1)</b>	±25 ~ ±100ppm
<b>Temp. range</b>	-20 ~ +70°C -40 ~ +85°C
<b>Supply voltage</b>	1.8V±10%
<b>Supply current</b>	
1.0 ~ 23.999MHz	10mA max.
24.0 ~ 49.999MHz	12mA max.
50.0 ~ 69.999MHz	15mA max.
70MHz+	25mA max.
<b>Output</b>	HCMOS 15pF
<b>Duty cycle</b>	50%±5%@V <sub>DD</sub> /2
<b>Rise/fall time</b>	6nS max.
<b>Enable/Disable</b>	
<b>Pin 1 High (Logic 1)</b>	Output enabled
<b>Pin 1 Open circuit</b>	Output enabled
<b>Pin 1 Low (Logic 0)</b>	Output high impedance

Note 1: Stability is inclusive of adjustment at 25°C, temperature variation, supply and load variation and ageing.

\*' suffix denotes RoHS Compliant

Standard packing: 1Kpcs per 7" taped reel

### Ordering Code Guide

Series Code	Case	Voltage	Stability	Output	Temp. range	Frequency	RoHS
M	7=7.0x5.0mm	18=1.8V	A=±25ppm B=±50ppm C=±100ppm	H=HCMOS 15pF	C=-20 ~ +70°C I=-40 ~ +85°C	xxMxxx	*

Issue 2 05/07/10

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