

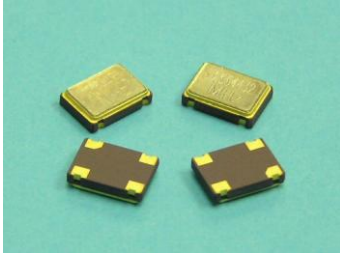
Product Specification



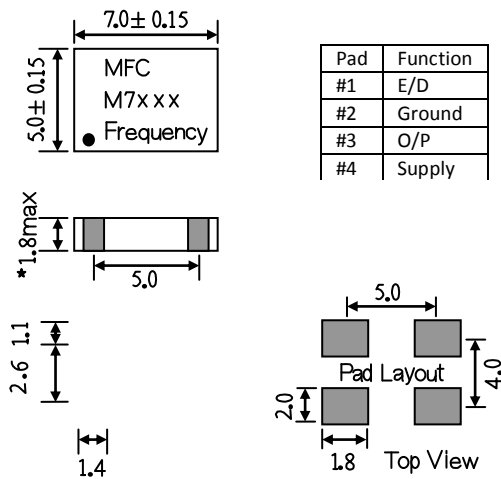
This product is certified to comply with the RoHS Directive 2002/95/EC.



M725 Series SMD Clock Oscillator

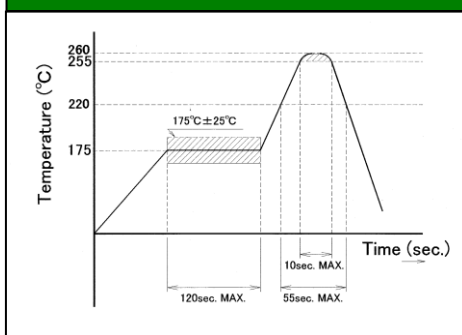


- 7.0x5.0x1.6mm
- Ceramic package
- 2.5V supply
- Small size
- Tri-state
- Wide frequency range
- -40 ~ +85°C available



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

Reflow Profile



Specification

Frequency range	1.0 ~ 125MHz
Stability (Note 1)	±25 ~ ±100ppm
Temp. range	-20 ~ +70°C -40 ~ +85°C
Supply voltage	2.5V±10%
Supply current	1.0 ~ 23.999MHz: 12mA max. 24.0 ~ 49.999MHz: 15mA max. 50.0 ~ 69.999MHz: 20mA max. 70MHz+: 30mA max.
Output	HCMOS 15pF
Duty cycle	50%±5% @ V _{DD} /2
Rise/fall time	7nS max.
Enable/Disable	
Pin 1 High (Logic 1)	Output enabled
Pin 1 Open circuit	Output enabled
Pin 1 Low (Logic 0)	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	25=2.5V	A=±25ppm B=±50ppm C=±100ppm	H=HCMOS 15pF	C=-20 ~ +70°C I=-40 ~ +85°C	xxMxxx	*

Issue 2 05/07/10

Magna Frequency Components, Magna House, Dales Manor Business Park, Sawston, Cambridge, CB22 3TJ

Tel: +44 1223 834800

Fax: +44 1223 834600

Email: sales@magnafrequency.com