

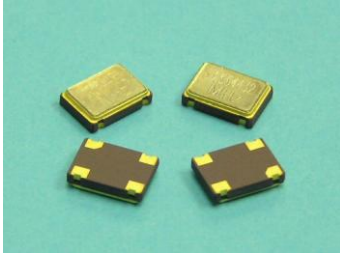
Product Specification



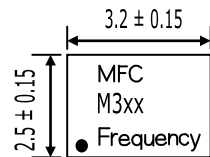
This product is certified to comply with the RoHS Directive 2002/95/EC.



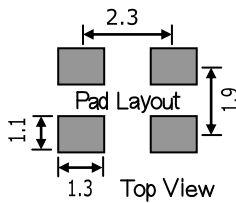
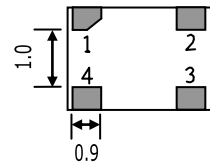
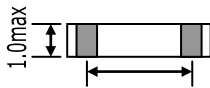
M325 Series SMD Clock Oscillator



- 3.2x2.5x1.0mm
- Ceramic package
- 2.5V supply
- Small size
- Tri-state
- Wide frequency range
- -40 ~ +85°C available



Pad	Function
#1	E/D
#2	Ground
#3	O/P
#4	Supply



Specification

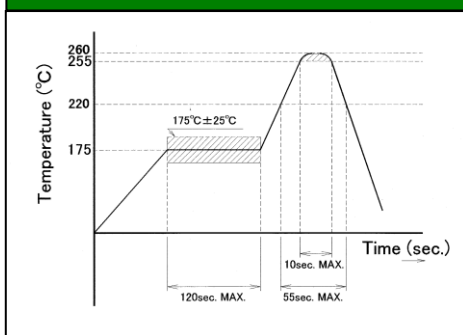
Frequency range	0.625 ~ 75MHz
Stability (Note 1)	±25 ~ ±100ppm
Temp. range	-20 ~ +70°C -40 ~ +85°C
Supply voltage	2.5V±5%
Supply current	
0.625 ~ 19.999MHz	5mA max.
20.0 ~ 39.999MHz	9mA max.
40.0 ~ 59.999MHz	11mA max.
60.0MHz +	14mA max.
Output	HCMOS 15pF
Duty cycle	50%±5%@V _{DD} /2
Rise/fall time	10nS 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

Reflow Profile



Ordering Code Guide

Series Code	Case	Voltage	Stability	Output	Temp. range	Frequency	RoHS
M	3=3.2x2.5mm	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

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