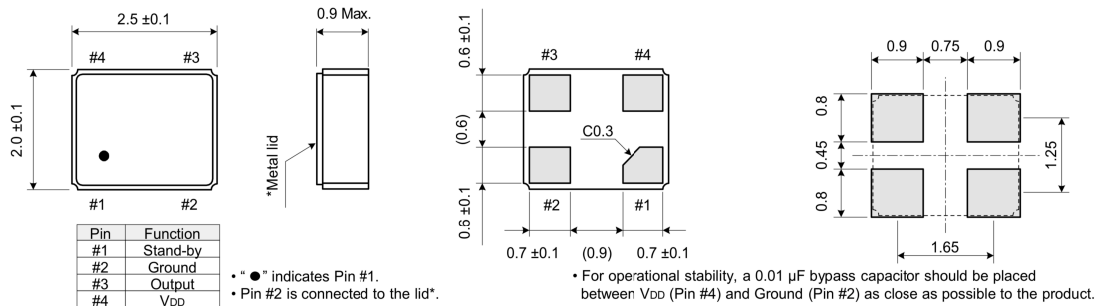


SMD Oscillator SMD 2.5 X 2.0 mm

Dimension (mm) | Land Pattern:



Part Number:	24-0066
Description:	O-SMD2520-M4-32.000000 MHz-1.6~3.6-25-2070
Manufacturer:	RIVER
Series Type:	SMD2520-M4 FCXO-05
Dimension (mm):	2.5 × 2.0 × 0.9 mm Max. / 13 mg

Electrical Characteristics

Frequency:	32.000000 MHz
Oscillation Mode:	Fundamental
Supply Voltage (VCC)	+1.62 Volt to +3.63 Volt DC (Reference +at 2.5V)
Input Current:	3 mA Max. at VCC=2.5V
Stand-by Current:	2.7 µA Max. at VCC=2.5V
Frequency Tolerance: *(Including Tolerance at +25°C and Tolerance over Temperature Range)	±25 ppm*
Output Logic / Output Load:	HCMOS / 15pF
Operating Temperature:	-20°C to +70°C
Storage Temperature:	-45°C to +85°C
Symmetry:	50% ±5% (V _{th} =1.65)
Rise & Fall Time:	≤ 200 ns Max.
Output Disable / Enable Delay Time:	-
Start-up Time:	≤ 5 ms (1.8V), ≤ 2 ms (3.3V)
RoHS :	Pb free - 2011/65/EU (RoHS 2) compliant

Document History

Date	Changes
31.08.2018	Released
03.09.2018	VCC from „+3.3 V“ to „+1.62 V ~ +3.63 V“
04.09.2018	„Input Current“ from „4 mA“ to new „3 mA at VCC=2.5V“
04.09.2018	„Stand-by Current“ from „3 µA“ to new „2.7 µA at VCC=2.5V“

