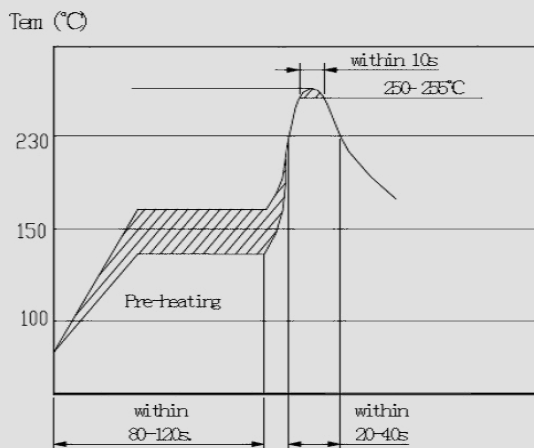


OSCILLATOR SMD5032-M4

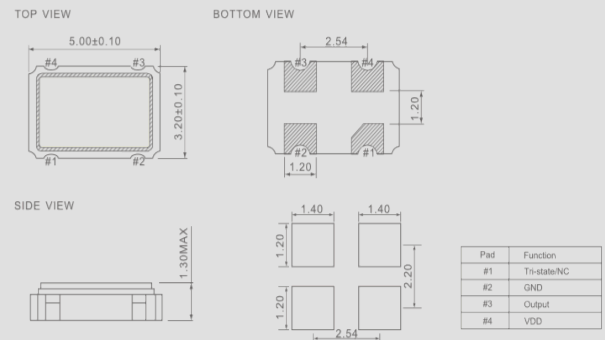


quarzwerk Part Number:	20-0048
Manufacturer:	Utech Electronics Technology Co., Ltd.
Series:	Oscillator SMD5032-M4
Type:	QOS5
Dimension (mm):	5.0 x 3.2 x 1.30
Frequency:	20.000000 MHz
Supply Voltage (VDD):	+1.6 ~ +3.3 V _{DC}
Input Current:	10 mA max.
Frequency Tolerance "Over All":	±20ppm ¹
Output Logic Output Load:	HCMOS 15pF typ.
Operating Temperature:	-40°C to +85°C
Storage Temperature:	-55°C to +125°C
Symmetry:	45 ~ 55%
Rise & Fall Time:	≤ 4 ns
Output Disable / Enable Time:	≤ 100 ns
Pin 1, Tri-state function:	Pin 1 = H or open = Output active at Pin 3 Pin 1 = L = high impeded. at Pin 3, No Output
Start-up Time:	≤ 3 ms ²
Package Unit:	1000pcs/reel
RoHS :	Pb free - 2011/65/EU (RoHS 2) compliant

Recommended Reflow Soldering Standard Condition



Dimension



Remark:

¹ Definition „Over All“: Including at +25°C, Over Temperature Range, Supply Voltage Change, Shock and Vibration, Aging 1st year

² valid at +25°C and over temperature range -20°C ~ +70°C

Document History

Date	Changes
22.03.2016	Released



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