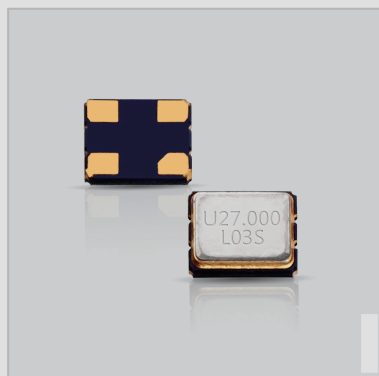
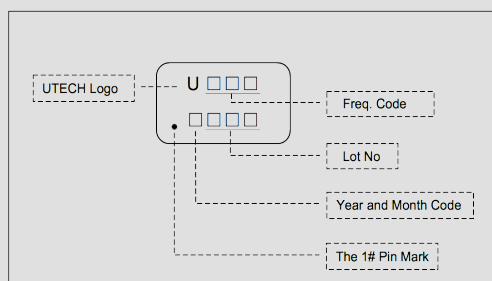


OSCILLATOR SMD3225-M4

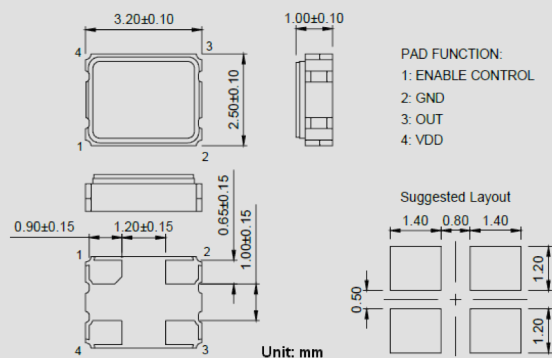


quarzwerk Part Number:	20-0042
Manufacturer:	Utech Electronics Technology Co., Ltd.
Series:	Oscillator SMD3225-M4
Type:	QOS5
Dimension (mm):	3.2 x 2.5 x 1.00
Frequency:	32.768 kHz
Supply Voltage (VDD):	+3.3 VDC $\pm 10\%$
Input Current:	10 mA max.
Frequency Tolerance "Over All":	$\pm 20\text{ppm}^1$
Output Logic Output Load:	HCMOS 15pF typ.
Operating Temperature:	-20°C to +70°C
Storage Temperature:	-55°C to +125°C
Symmetry:	50% $\pm 5\%$
Rise & Fall Time:	≤ 5 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:	≤ 5 ms ²
Package Unit:	1000pcs/reel
RoHS :	Pb free - 2011/65/EU (RoHS 2) compliant

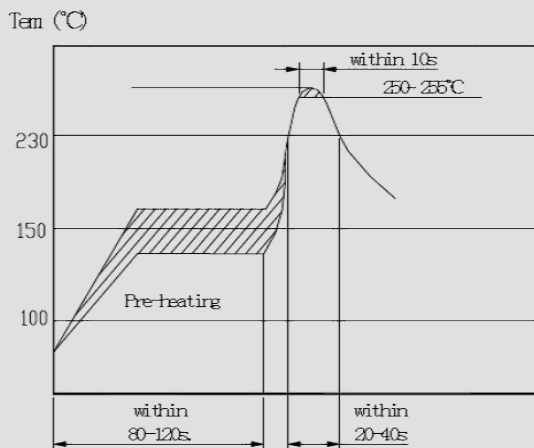
Marking



Dimension



Recommended Reflow Soldering Standard Condition



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



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