



TCXO-S588-LF

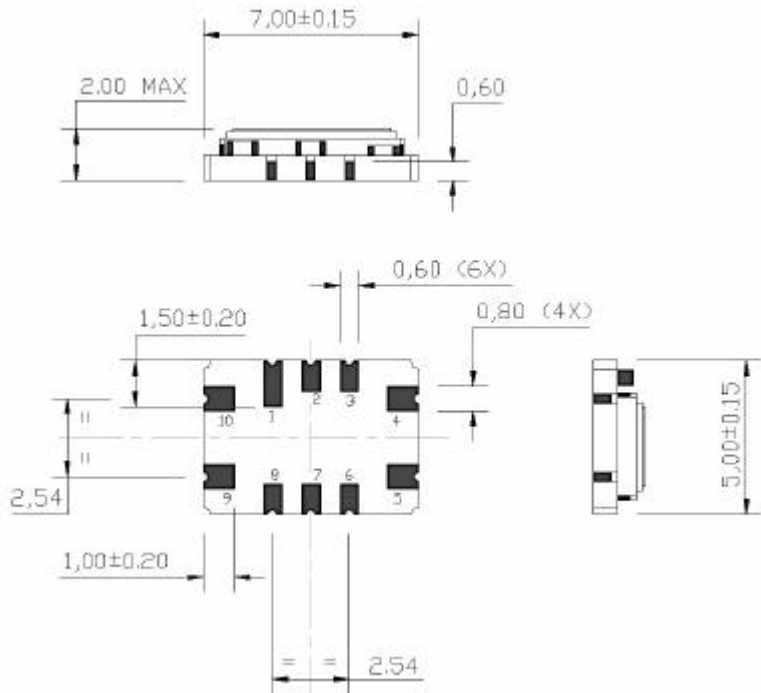


1. Specification	
Nominal frequency:	27.0 MHz
Nominal frequency tolerance @ +25°C:	< ± 1.0 ppm
Frequency stability vs. temperature range -20 °C to +70 °C: vs. supply voltage changes $V_S \pm 5\%$: vs. load changes ± 10%:	< ± 0.5 ppm < ± 0.3 ppm < ± 0.2 ppm
Aging (T = +25 °C) :	< ± 1.0 ppm / year
Supply voltage V_S :	+3.3 V ± 5%
Current consumption :	≤ 10 mA
Frequency Control Range:	≥ ± 8 ppm
Control Voltage V_C :	+0.3 V to +3.0 V
Transfer Function / Linearity:	positive / 10 %
Output voltage: Load Duty cycle @ 50% Vcc	LVHCMOS, low < 0.33V, high > 2.97 V 1 kOhm // 15 pF 45% to 55%
Tri-State Function at Pin 9:	Logic High or NC: Output Enable Logic Low: Output Disable
Start up time :	< 2 ms
Temperature Ranges Operating: Storage:	-20 °C to +70 °C -55 °C to +105 °C
2. Environmental conditions	
According to KVG Product Qualification Procedure AA-QM-200	
3. Marking	
ww KVG yy Frequency [MHz]	

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1		21.01.09	M. Zupan	
ED	Description	Date	Name	

4. Case

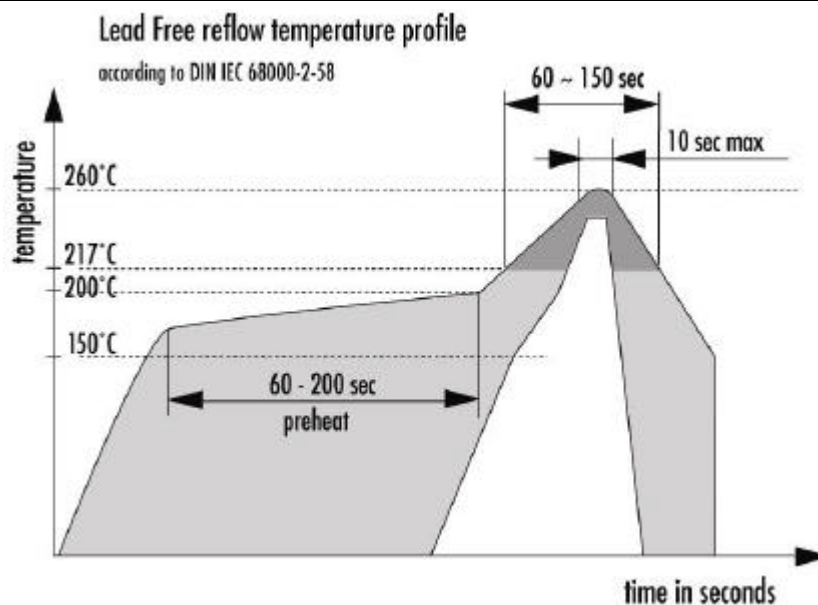
Case Style:



Pin configuration

1. Control Voltage V_c
2. Do not connect.
3. Do not connect
4. Do not connect
5. Ground
6. RF output
7. Do not connect
8. Do not connect
9. Tristate-control (Enable)
10. Supply Voltage V_s

6. Soldering profile



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