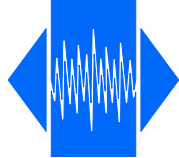


VT3-801HV

SMD VC-TCXO
HCMOS

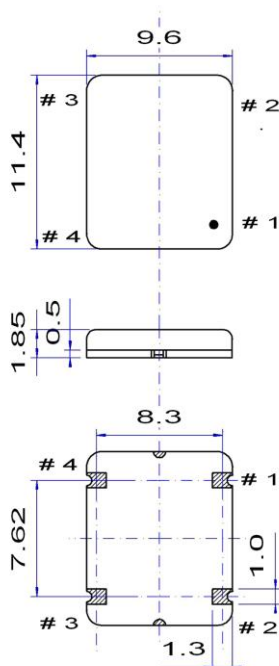
QuartzCom
the communications company



Features

- Applications: mobile communications, instrumentation, microwave
- Output signal HCMOS
- Output frequency up to 50 MHz
- Wide pulling range in the range: $\pm 20 \sim \pm 40$ ppm

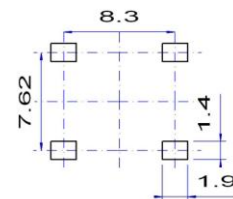
Parameter	Specification		
	VT3-801HVL	VT3-801HVM	VT3-801HVS
Frequency range	9.6 ~ 50 MHz		
Standard frequencies	10.00, 12.8, 13.00, 19.2, 19.44, 20.00 & 26.00 MHz		
Frequency stability:			
vs. temperature	≤ ±1.0 ~ ±3.5 ppm		
vs. supply & load change	≤ ±0.4 ppm	±5 %	
vs. aging	≤ ±1.0 ppm	1 st year	
Frequency tolerance ex. factory	≤ ±0.5 ppm	@ +25 °C	
Supply voltage	+3.0 V ± 5 %	+3.3 V ± 5 %	+5.0 V ± 5 %
Supply current	4 ~ 15 mA		
Output signal	HCMOS		
Output load	15 pF		
Frequency pulling range	±20 ~ ±40 ppm		
Voltage control	+1.65 V ±1.35 V		+2.5 V ±2.0V
Phase noise @ 20.0 MHz carrier frequency	-140 dBc/Hz		@ 1 kHz
Operating temperature range	-30 ~ +75 °C -40 ~ +85 °C		commercial application industrial application
Storage temperature range	-55 ~ +125 °C		
Packaging units	tape & reel		500 or 1'000 pieces
Customer specifications on request			



Pin function

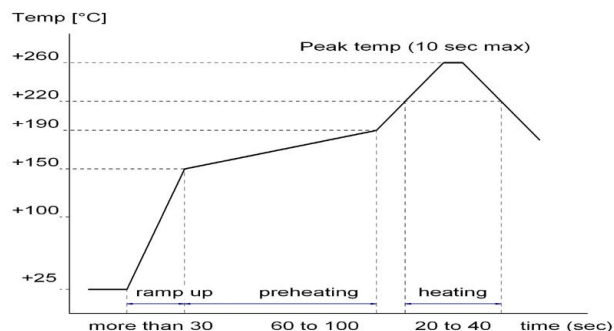
- # 1 Vc Voltage control
- # 2 GND
- # 3 Output
- # 4 Vdc

Example for solder pattern



Do not design any conductive path between the pattern

Example for IR reflow soldering temperature



2002/95/EC RoHS compliant

02 May. 10

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