Ceramic Surface Mount TCVCXO

Platinum Series CTV

* 1.8 mm Max. Height
* Fast Delivery
* HCMOS Output

Applications

* Serial Communications
* Test Equipment
* Industrial Control

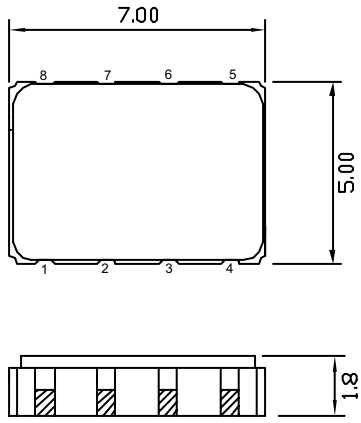
Part Numbering Example: CTV Z - A6 B3 - 22.5792

CTV	Z	A6	B3	22.5792
SERIES	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	FREQUENCY
CTV	Blank = Bulk Z = Tape and Reel	A6 = 0°C ~ +70°C AB = -30°C ~ +70°C	B3 = ± 2.5 ppm	

Specifications:

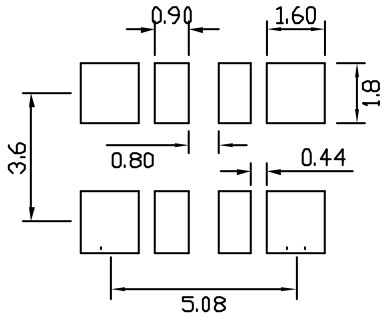
Frequency Range:	1.000 MHz to 200.000 MHz
Available Stability Options:	± 2.5 ppm
Output Series:	HCMOS
Input Voltage:	+3.3 VDC ±5%
Vdd Rise Time:	Min: 100 µS
Frequency Tuning Range:	±35 ppm
External Control Voltage:	+1.65 VDC, ±1.35 VDC @ 3.3V input
Output Voltage:	HCMOS V_{OL}=10%V_{DD} V Max. HCMOS V_{OH}=90%V_{DD} V Min.
Operating Temperature	0°C to +70°C -30°C to +70°C
Output Load:	15 pF
Maximum Input Current:	40 mA
Maximum Rise/Fall Time:	4 nS
Duty Cycle:	45/55%
Phase Noise@10 kHz:	< -100dBc/Hz
RMS Integrated Jitter: 12kHz to 20MHz	< 20 pS
RMS Period Jitter:	< 10 pS
Storage Temperature:	-40°C to +85°C
Packaging:	Tape and Reel (1K per Reel)

CTV



PIN FUNCTION
1 Vcont
2 DO NOT CONNECT
3 OE (WITH PULLUP)
4 GND
5 OUTPUT
6 DO NOT CONNECT
7 DO NOT CONNECT
8 Vdd

Solder Pad Layout



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