

Programmable CMOS TCXO

- * CMOS Output
- * Fast Delivery
- * Industry Standard Packaging

Applications

- * Serial Communications
- * Routers
- * Switches
- * WAN Interfaces
- * Test Equipment

CTAM



Part Numbering Example: CTAM L Z - A3 B3 - 22.5792 TS

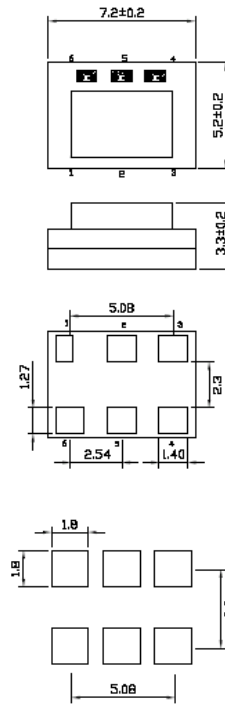
CTAM	L	Z	A3	B3	22.5792	TS
SERIES	VOLTAGE	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	FREQUENCY	TRI-STATE
CTAM	L = 3.3V	Blank = Bulk Z = Tape and Reel	Blank = 0°C ~ +70°C A5 = -20°C ~ +70°C A3 = -30°C ~ +75°C	Blank = ±100 ppm B3 = ±2.5 ppm		TS = Tri-State

Specifications:	Min	Typ	Max	Unit
Frequency Range:	1.5		200	MHz
Stability:	-2.5		+ 2.5	ppm
Supply Voltage:	3.135	3.3	3.465	V
Vdd Rise Time:	100			µS
Operating Temperature:	-30		+ 75	°C
Storage Temperature:	-45°C		+ 85	
Duty Cycle:	45		55	%
Start-Up Time:		3	10	mS
Aging: (ppm/1st Year) Ta=25C, Vdd=3.3V			1	ppm
Supply Current:			35	mA
Short Circuit Current:		± 50		mA
RMS Period Jitter:		10		pS
RMS Integrated Jitter: 12kHz to 20MHz		15		pS
Phase Noise @ 10kHz:			-100	dBc/Hz
Output Voltage: Voh			0.4	V
Vol	vdd -0.4			V
Rise/Fall Time: CL = 15 pf			2.4	nS

Output Level: CMOS
Packaging: Tape and Reel 1000 pcs per Reel

CTAM

Dimensions are in mm



- Pin Function**
- 1 Control, Tristate with pull up
 - 2 I/O Not connect
 - 3 Ground
 - 4 Output
 - 5 I/O Not Connect
 - 6 Vdd

Tristate internal pull up. Output active when high.

