

- \* LVPECL Output
- \* Fast Delivery
- \* Industry Standard Packaging

### Applications

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

Platinum Series CTAE



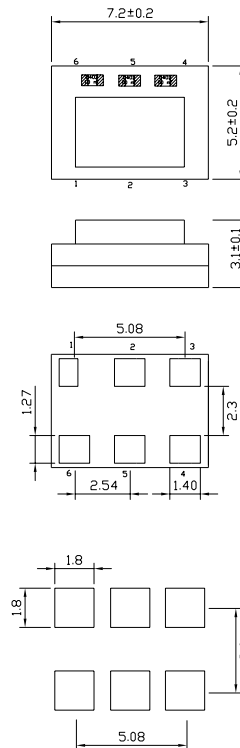
### Part Numbering Example: CTAE L Z A5 BP 22.5792 TS

CTAE	L	Z	A5	BP	22.5792	TS
SERIES	VOLTAGE	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	FREQUENCY	TRI-STATE
CTAE	L = 3.3V	Blank = Bulk Z = Tape and Reel	Blank = 0°C ~ +70°C A5 = -20°C ~ +70°C A3 = -30°C ~ +70°C	Blank = ±100 ppm BP = ±50 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		+ 70	°C
Storage Temperature:	-65°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:			130	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 Vol	Vdd - 1.025		Vdd - 1.62	V V
Rise/Fall Time:		0.4	0.8	nS
Output Level:	LVPECL			
Packaging:	Tape and Reel 1000 pcs per Reel			

### CTAE

Dimensions are in mm



- Pin Function
- 1 Control -Tristate with pull up
  - 2 Do Not Connect
  - 3 Ground
  - 4 Output+
  - 5 Output-
  - 6 Vdd

Tristate internal pull up. Output active when high.

