

- * LVDS Output
- * Industry Standard Outline

Applications

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



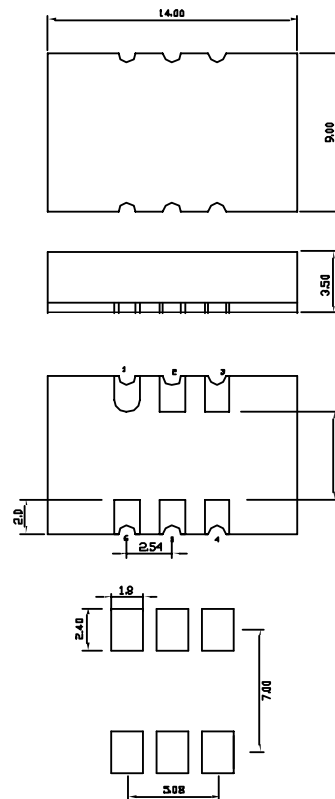
Part Numbering Example: CTVL Z - A5 B3 - 222.5792 TS

CTVL	Z	A5	B3	222.5792	TS
SERIES	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	FREQUENCY	TRI-STATE
CTVL	Blank = Bulk Z = Tape and Reel	Blank = 0°C ~ +70°C A5 = -20°C ~ +70°C	B3 = ±2.5 ppm		TS = Tri-State

Specifications:	Min	Typ	Max	Unit
Frequency Range:	38		640	MHz
Stability:	- 2.5		+ 2.5	ppm
Supply Voltage:	3.135	3.3	3.465	V
Frequency Tuning Range:		+/- 8		ppm
External Control Voltage:	0.35		3.0	V
Operating Temperature:	-30		+ 70	°C
Storage Temperature:	-40		+ 85	°C
Duty Cycle:	45		55	%
Start-Up Time:		3	10	mS
Aging: (ppm/1st Year) Ta=25°C, Vdd=3.3V			1	ppm
Supply Current:			100	mA
Short Circuit Current:		± 50		mA
RMS Period Jitter:		5		pS
RMS Integrated Jitter: 12kHz to 20MHz		0.7		pS
Phase Noise @ 10kHz:			-120	dBc/Hz
Output Voltage: Voh Vol	Vdd - 0.9		Vdd - 1.6	V V
Output Differential Voltage:	247	355	454	mV
Rise/Fall Time:		0.4	0.8	nS
Output Level:	LVDS			
Packaging:	Tape and Reel 1000 pcs per Reel			

CTVL

Dimensions are in mm



- PIN Function
- 1 VCONTROL
 - 2 ENABLE
 - 3 Ground
 - 4 LVDS +
 - 5 LVDS -
 - 6 Vdd

LVDS Levels Test Circuit