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- \* LVPECL Output
- \* Industry Standard Outline

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



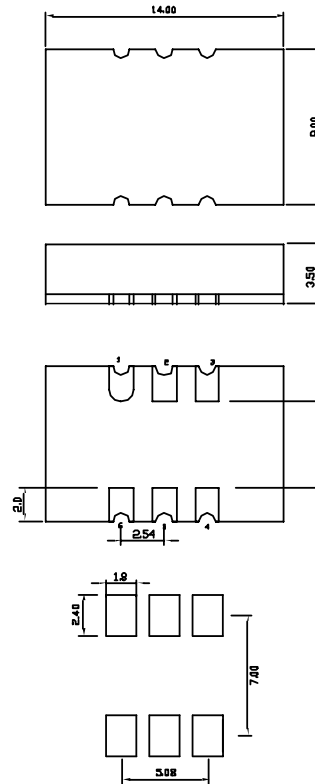
Part Numbering Example: CFVED Z - A5 BP - 222.5792 TS

CFVED	Z	A5	BP	222.5792	TS
SERIES	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	FREQUENCY	TRI-STATE
CFVED	Blank = Bulk Z = Tape and Reel	Blank = 0°C ~ +70°C A5 = -20°C ~ +70°C A7 = -40°C ~ +85°C	Blank = ±100 ppm BP = ±50 ppm		TS = Tri-State

Specifications:	Min	Typ	Max	Unit
Frequency Range:	38		640	MHz
Stability:	-50		+ 50	ppm
Supply Voltage:	3.135	3.3	3.465	V
Frequency Tuning Range:		±100		ppm
External Control Voltage:	0.35		3.0	V
Operating Temperature:	-40		+ 85	°C
Storage Temperature:	-55		+ 125	°C
Duty Cycle:	45		55	%
Start-Up Time:		3	10	mS
Aging: (ppm/1st Year) <i>T<sub>a</sub></i> =25°C, <i>V<sub>dd</sub></i> =3.3V			5	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:				
V <sub>oh</sub>	V <sub>dd</sub> - 1.025			V
V <sub>ol</sub>			V <sub>dd</sub> - 1.62	V
Rise/Fall Time:		0.4	0.8	nS
Output Level:	LVPECL			
Packaging:	Tape and Reel 1000 pcs per Reel			

CFVED

Dimensions are in mm



- PIN Function
- 1 VCONTROL
  - 2 DISABLE
  - 3 Ground
  - 4 LVPECL +
  - 5 LVPECL -
  - 6 Vdd

LVPECL Levels Test Circuit

