

LVPECL Oscillator

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

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

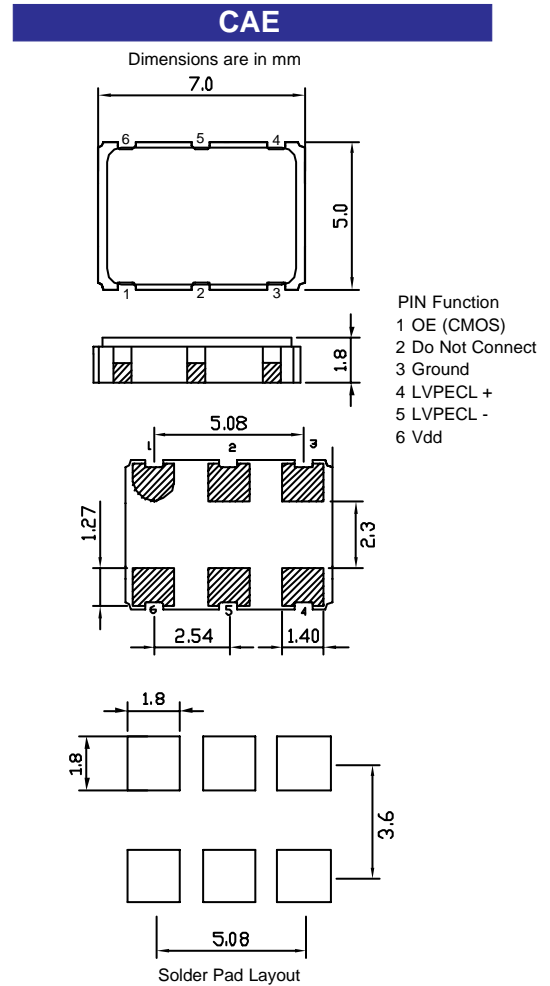
Platinum Series **CAE**



Part Numbering Example: CAE Z - A5 BP - 22.5792 TS

CAE	Z	A5	BP	22.5792	TS
SERIES	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	FREQUENCY	TRI-STATE
CAE	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:	1		200	MHz
Stability:	-50		+ 50	ppm
Supply Voltage:	3.135	3.3	3.465	V
Vdd Rise Time:	100			μS
Operating Temperature:	-20		+ 70	°C
Storage Temperature:	-55		+ 125	°C
Duty Cycle:	45		55	%
Start-Up Time:		3	10	mS
Aging: (ppm/1st Year) Ta=25C, Vdd=3.3V			5	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
Rise/Fall Time:		0.4	0.8	nS
Output Level:	LVPECL			
Packaging:	Tape and Reel 1000 pcs per Reel			



LVPECL Levels Test Circuit

