

Surface Mount Clock Oscillator

Series CC85

- 1.7mm height
- High frequency range
- Tight stability available

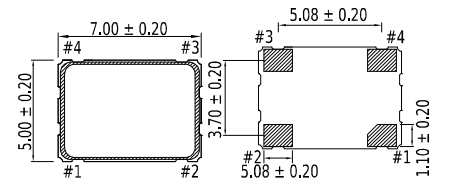
Instrument Part Number: CC85 L Z - A2 B2 45 - 83.333 TS

CC85 SERIES CC85	L VOLTAGE Blank = 5V L = 3.3V	Z PACKAGING Blank = Bulk Pack Z = Tape and Reel	A2 OPERATING TEMP Blank = 0°C ~ +70°C A2 = -40°C ~ +85°C	B2 STABILITY Blank = ±100 PPM B2 = ±50 PPM BR = ±25 PPM	45 SYMMETRY Blank = 40 / 60% 45 = 45 / 55%	83.333 FREQUENCY 0.0137 ~ 100.0 MHz	TS TRI-STATE TS = Tristate Standard
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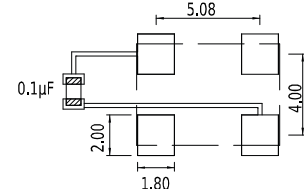
Specifications:

Description	Min	Typ	Max	Unit
Frequency Range:	13.7 KHz	-	166.00 MHz	
Available Stability Options: (Standard)	-100.0 -50.0 -25.0	- - -	100.0 50.0 25.0	PPM PPM PPM
Output Format	HCMOS			
Low Output Voltage:	-	-	$V_{DD} * 0.1$	V
High Output Voltage:	$V_{DD} * 0.9$	-	-	V
Output Load:	15pF CMOS			
Input Voltage: (Standard)	4.5 2.97	5.0 3.3	5.5 3.63	V V
Input Current: (@ 5V) (@ 3.3V)	- -	- -	65 35	mA mA
Rise/Fall Time:	-	-	3	Ns
Duty Cycle:	40 45	- -	60 55	% %
Tri-state Disable:	-	-	0.8	V
Tri-state Enable: (@ 5V) (@ 3.3V)	3.6 2.2	- -	- -	V V
Storage Temperature Range:	-55	-	+125	°C
Operating Temperature Range: (Standard)	0 -40	- -	+70 +85	°C °C

PACKAGE OUTLINE



Pin #	Function
1	Tri-state
2	GND
3	Output
4	V_{DD}



For optimal performance, place a by-pass capacity of 0.1µF as close to the part as possible between V_{DD} and GND pads