

Surface Mount Clock Oscillator

Series CC065H

- 50pf load compatible
- 1.7mm height
- Tri-state option

Instrument Part Number: CC065H Z - A2 B2 45 - 33.333 TS

CC065H
SERIES
CC065H

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

45
SYMMETRY
Blank = 40 / 60%
45 = 45 / 55%

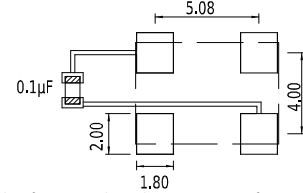
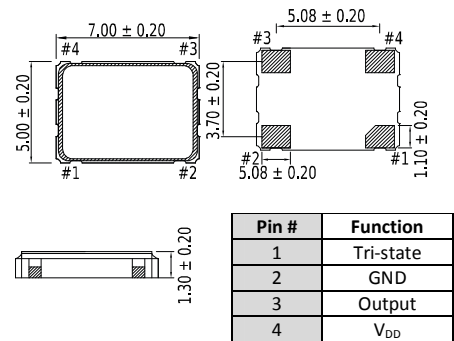
33.333
FREQUENCY
0.0137 ~ 100.0 MHz

TS
TRI-STATE
TS = Tristate Standard

Specifications:

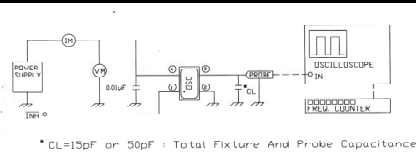
Description	Min	Typ	Max	Unit
Frequency Range:	13.7 KHz	-	100.00 MHz	
Available Stability Options: (Standard)	-100.0 -50.0	- -	100.0 50.0	PPM PPM
Output Format	LSTTL / HCMOS			
Low Output Voltage:	-	-	0.5	V
High Output Voltage:	4.5	-	-	V
Output Load:	10 TTL, 50pf CMOS			
Input Voltage:	4.5	5.0	5.5	V
Input Current:	(1.84 ~ 31.999 MHz)	-	27	mA
	(32.0 ~ 49.999 MHz)	-	45	mA
	(50.0 ~ 75.0 MHz)	-	75	mA
Startup Time:	-	-	10	ms
Rise/Fall Time:	-	-	7	Ns
Duty Cycle: (Standard)	40 45	- -	60 55	% %
Tri-state Disable:	-	-	0.8	V
Tri-state Enable:	3.6	-	-	V
Storage Temperature Range:	-55	-	+125	°C
Operating Temperature Range: (Standard)	-10 -40	- -	+70 +85	°C °C

PACKAGE OUTLINE



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

TEST CIRCUIT



OUTPUT WAVE FORM

