

Surface Mount Clock Oscillator

Series CC532

- 5.0 mm x 3.2 mm x 1.2 mm
- Low power consumption
- Tight stability available
- Tri-state capable

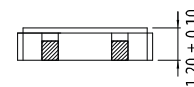
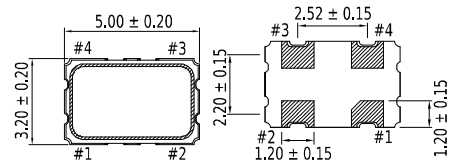
Instrument Part Number: CC532 L Z - A1 B2 45 - 33.333 TS

CC532	L	Z	A1	B2	45	33.333	TS
SERIES	VOLTAGE	PACKAGING	OPERATING TEMP	STABILITY	SYMMETRY	FREQUENCY	TRI-STATE
CC532	Blank = 5V L = 3.3V E = 3.0V	Blank = Bulk Pack Z = Tape and Reel	Blank = 0°C ~ +70°C A1 = -10°C ~ +70°C	Blank = ±100 PPM B2 = ±50 PPM	Blank = 40 / 60% 45 = 45 / 55%	0.0137 ~ 133.0 MHz	TS = Tristate Standard

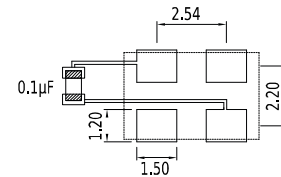
Specifications:

Description	Min	Typ	Max	Unit
Frequency Range:	13.7 KHz	-	133.0 MHz	
Available Stability Options: (Standard)	-100.0 -50.0	-	100.0 50.0	PPM
Output Format	HCMOS			
Low Output Voltage:	-	-	$V_{DD} * 0.1$	V
High Output Voltage:	$V_{DD} * 0.9$	-	-	V
Output Load:		15		pF
Input Voltage: (Standard)	4.5 2.97 2.7	5.0 3.3 3.0	5.5 3.63 3.3	V
Tri-state Enable: (@ 5V) (@ 3.3V)	3.6 2.2	- -	- -	V
Tri-state Disable:	-	-	0.8	V
Rise/Fall Time:	-	-	10	ns
Duty Cycle:	40 45	- -	60 55	%
Storage Temperature Range:	-40	-	+85	°C
Operating Temperature Range:	-10	-	+70	°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