

Surface Mount Clock Oscillator

Series CC137

- Small Size
- 5.0 mm x 3.2 mm x 1.2 mm

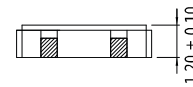
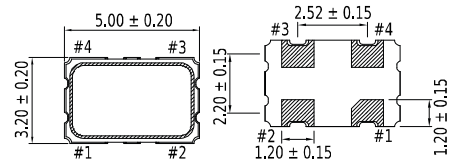
Instrument Part Number: CC137 L Z - A0 B2 45 - 33.333 TS

CC137 SERIES	L VOLTAGE	Z PACKAGING	A0 OPERATING TEMP	B2 STABILITY	45 SYMMETRY	33.333 FREQUENCY	TS TRI-STATE
CC137	Blank = 5V L = 3.3V	Blank = Bulk Pack Z = Tape and Reel	A0 = -10°C ~ +60°C	Blank = ±100 PPM B2 = ±50 PPM B3 = ±30 PPM	Blank = 40 / 60% 45 = 45 / 55%	0.0137 ~ 133.0 MHz	TS = Tristate Standard

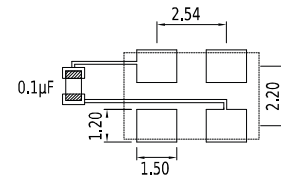
Specifications:

Description	Min	Typ	Max	Unit
Frequency Range:	13.7 KHz	-	133.00 MHz	
Available Stability Options:	-100.0 -50.0 -30.0	- - -	100.0 50.0 30.0	PPM PPM PPM
Output Format	TTL / HCMOS			
Low Output Voltage: (TTL) (HCMOS)	- -	- -	0.5 V _{DD} * 0.1	V
High Output Voltage: (TTL) (HCMOS)	4.5 V _{DD} * 0.9	- -	- -	V
Output Load: (@ 5V) (@ 3.3V)	10 TTL, 50pF CMOS 5 TTL, 15pF CMOS			
Input Voltage:	4.5 2.97	5.0 3.3	5.5 3.63	V V
Input Current:	-	-	20	mA
Rise/Fall Time:	-	-	10	ns
Duty Cycle:	40 45	- -	60 55	% %
Storage Temperature Range:	-40	-	+85	°C
Operating Temperature Range: (Standard)	-10	-	+60	°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