

# Ceramic Surface Mount VCXO

- 1.8 mm max. height
- Tri-State Control

Series **CC154**



Part Numbering Example: **CC154 L Z - A6 BP 45 - 22.5792 TS B**

CC154	L	Z	A6	BP	45	22.5792	TS	B
SERIES	VOLTAGE	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	SYMMETRY	FREQUENCY	TRI-STATE	PULL RANGE
CC154	Blank = 5V L = 3.3V	Blank = Bulk Z = Tape and Reel	A6 = 0°C ~ +70°C	BP = ±50 ppm	Blank = 40/60% 45 = 45/55%		TS = Tri-State	B = ±100 ppm N = ±80 ppm A = ±50 ppm

## Specifications:

<b>Frequency Range:</b>	8.000 MHz to 36.000 MHz
<b>Available Stability Options:</b>	±50 ppm
<b>Output Series:</b>	HCMOS
<b>Input Voltage:</b>	+5.0 VDC ±5% +3.3 VDC ±5%
<b>Frequency Tuning Range:</b>	±100 ppm @ 5.0V ±80 ppm @ 3.3VDC ±50 ppm
<b>External Control Voltage:</b>	+2.5 VDC, ±2.0 VDC @ 5V input +1.65 VDC, ±1.35 VDC @ 3.3V input
<b>Tristate Input:</b>	@+5 VDC Input +0.80 VDC Max. to Disable +3.60 VDC Min. to Enable or open to Enable @3.3 VDC & 3.0 VDC Input +0.80 VDC Max. to Disable +2.20 VDC Min. to Enable or open to Enable
<b>Output Voltage:</b>	HCMOS $V_{OL}=10\%V_{DD}$ V Max. HCMOS $V_{OH}=90\%V_{DD}$ V Min.
<b>Operating Temperature</b>	0°C to +70°C
<b>Output Load:</b>	15 pf
<b>Maximum Input Current:</b>	30 mA
<b>Maximum Rise/Fall Time:</b>	8 ns
<b>Duty Cycle:</b>	40/60% 45/55%
<b>Storage Temperature:</b>	-40°C to +85°C
<b>Packaging:</b>	Tape and Reel (1K per Reel)

## CC154

