

Surface Mount VC-TCXO

- 4.0 mm height
- Tight stability available
- TTL/HCMOS output

Series **CC129**



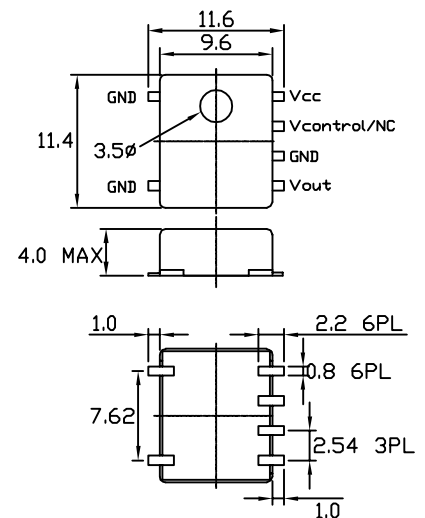
Part Numbering Example: **CC129 L Z - A2 B2 45 - 22.5792 M**

CC129	L	Z	A2	B2	45	22.5792	M
SERIES	VOLTAGE	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	SYMMETRY	FREQUENCY	PULL RANGE
CC129	Blank = 5V L = 3.3V	Blank = Bulk Z = Tape and Reel	A2 = -10°C ~+60°C A3 = -30°C ~+75°C A5 = -20°C ~+70°C A9 = 0°C ~+50°C AA = -10°C ~+70°C AB = -30°C ~+70°C AC = -30°C ~+60°C AE = -40°C ~+80°C	B1 = ±5.0 ppm B2 = ±3.0 ppm B3 = ±2.5 ppm B4 = ±2.0 ppm B5 = ±1.5 ppm B9 = ±4.0 ppm BB = ±4.5 ppm BF = ±3.5 ppm	Blank = 40/60% 45 = 45/55%		L = ±10 ppm M = ±5 ppm

**Specifications:**

<b>Frequency Range:</b>	1.000 MHz to 35.000 MHz	
<b>Available Stability Options:</b>	±1.5 ppm ±2.0 ppm ±2.5 ppm ±3.0 ppm ±3.5 ppm ±4.0 ppm ±4.5 ppm ±5.0 ppm	
<b>Output Series:</b>	TTL/CMOS	
<b>Input Voltage:</b>	+5.0 VDC ±5%	
<b>Operating Temperature</b>	0°C to +50°C	
<b>Range Options:</b>	-10°C to +60°C -10°C to +70°C -20°C to +70°C -30°C to +60°C -30°C to +70°C -30°C to +75°C -40°C to +80°C	
<b>Frequency Tuning Range:</b>	±5 ppm Min. ±10 ppm Min.	
<b>External Control Voltage:</b>	+2.5 VDC, ± 2.0 VDC	+1.65 VDC, ± 1.35VDC
<b>Output Voltage:</b>	TTL VOL=0.4 V Max. TTL VOH=2.4 V Min. HCMOS VOL=10%VDD V Max. HCMOS VOH=90%VDD V Min.	
<b>Frequency Trim Range</b>	±3.0 ppm Minimum	
<b>With Externally Adjustable Trimmer:</b>		
<b>Output Load:</b>	10 LS TTL, 15 pf CMOS	
<b>Maximum Input Current:</b>	20 mA	
<b>Maximum Rise/Fall Time:</b>	10 ns	
<b>Duty Cycle:</b>	40/60% 45/55%	
<b>Maximum Frequency</b>	±1 ppm/yr	
<b>Aging at +25°C:</b>		
<b>Storage Temperature:</b>	-40°C to +80°C	
<b>Packaging:</b>	Tape and Reel (1K per Reel)	

**CC129**



RECOMMENDED SOLDER PAD LAYOUT

