

**Surface Mount TCXO**

- 4.0 mm height
- Tight stability availability
- TTL/HCMOS

Series **CC128**



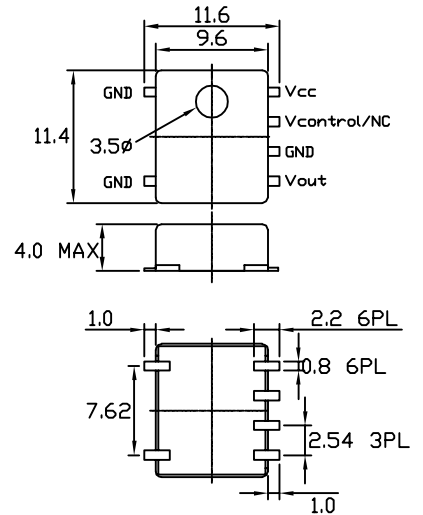
**Part Numbering Example: CC128 L Z - A2 B2 45 - 22.5792**

CC128	L	Z	A2	B2	45	22.5792
SERIES	VOLTAGE	PACKAGING OPTIONS	OPERATING TEMP.	STABILITY	SYMMETRY	FREQUENCY
CC128	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%	

**Specifications:  
CC128**

Frequency Range:	9.600 MHz to 35.000 MHz
Available Stability Options:	±5.0 ppm ±4.5 ppm ±4.0 ppm ±3.5 ppm ±3.0 ppm ±2.5 ppm ±2.0 ppm ±1.5 ppm
Output Series:	TTL/CMOS
Input Voltage:	+5.0 VDC ±5%
Operating Temperature Range Options:	0°C to +50°C -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
Output Voltage:	TTL V <sub>OL</sub> = 0.4 V Max. TTL V <sub>OH</sub> = 2.4 V Min. HCMOS V <sub>OL</sub> = 10%V <sub>DD</sub> V Max. HCMOS V <sub>OH</sub> = 90%V <sub>DD</sub> V Min.
Frequency Trim Range With Externally Adjustable Trimmer:	±3.0 ppm Minimum
Output Load:	10 LS TTL, 15 pf CMOS
Maximum Input Current:	20 mA
Maximum Rise/Fall Time:	10 ns
Duty Cycle:	40/60% 45/55%
Maximum Frequency Aging at +25°C:	± 1 ppm/yr
Storage Temperature:	-40°C to +80°C
Packaging:	Tape and Reel (1K per Reel)

**CC128**



**RECOMMENDED SOLDER PAD LAYOUT**

