Thru Hole Mount VC-TCXO

Series CC123

- *4.5 mm height*
- *Tight stability available*
- *TTL/HCMOS output*

Pb RoHS COMPLIANT 2002 / 95 / EC

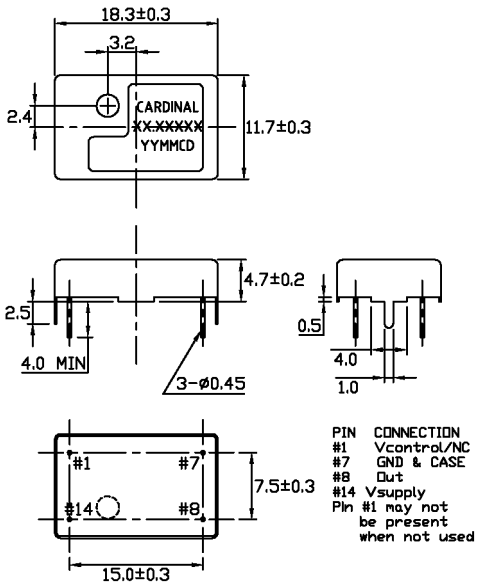
Part Numbering Example: CC123 L - A1 B2 45 - 22.5792 M

CC123	L	A1	B2	45	22.5792	M
SERIES	VOLTAGE	OPERATING TEMP.	STABILITY	SYMMETRY	FREQUENCY	PULL RANGE
CC123	Blank = 5V L = 3.3V	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:

Frequency Range:	1.000 MHz to 35.000 MHz
Available Stability Options:	±1.5 ppm ±2.0 ppm ±2.5 ppm ±3.0 ppm ±3.5 ppm ±4.0 ppm ±4.5 ppm ±5.0 ppm
Output Series:	TTL/CMOS
Input Voltage:	+5.0 VDC ±5%, +3.0 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
Frequency Tuning Range:	±5 ppm Min. ±10 ppm Min.
External Control Voltage:	+2.5 VDC, ± 2.0 VDC, +1.65 VDC, ± 1.35VDC
Output Voltage:	TTL V_{OL}=0.4 V Max. TTL V_{OH}=2.4 V Min. HCMOS V_{OL}=10%V_{DD} V Max. HCMOS V_{OH}=90%V_{DD} 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%
Maximum Frequency Aging at +25°C:	±1 ppm/yr
Storage Temperature:	-40°C to +80°C

CC123



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