

SC-Cut OCXO

Series

COC25**Applications**

- * Cellular Base Station
- * GSM & CDMA System
- * Test Equipment
- * Frequency Synthesizer

- * Digital Switching

Features

- * High Reliability
- * Low Aging
- * Excellent Phase Noise
- * Mass Production With Good Uniformity
- * Custom Build Capability
- * SC-Cut
- * ROHS Compliant

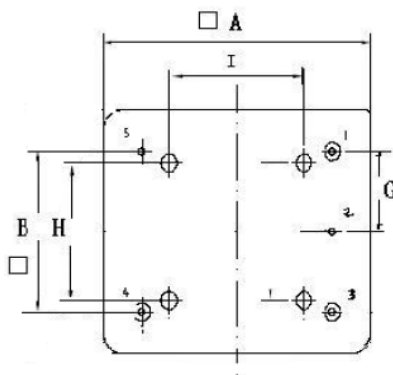
Part Numbering Example: COC25Z-A210.000**COC25****Z****A2****10.000**

SERIES	ADDED FEATURES	OPERATING TEMP.	FREQUENCY
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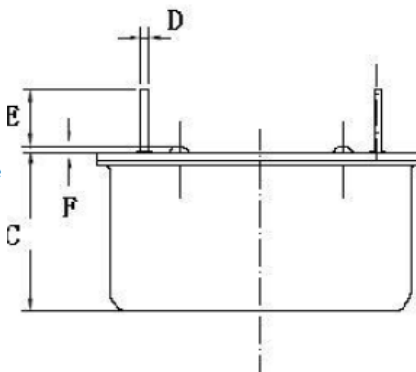
COC25	Blank = Bulk Package T = Tube Z = Tape and Reel	A2 = -40° to + 85°C	10 MHz
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Specifications:	Min	Typ	Max	Unit
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Frequency Range:		10		MHz
Frequency Tolerance:			200	ppb
Vc=+2.0V@25°C				
Frequency Stability Vs. Temperature:		10		ppb
Operating Stability Range:	0		+ 75	°C
Supply Voltage:	4.75	5	5.25	V
Operating Temperature:	-40		+ 85	°C
Load Stability:		2		ppb/CL±5%
Power Supply Stability:		2		ppb/+5V±5%
Maximum aging rate after power on 30 days			0.1 0.4 0.5	ppm/1yr ppm/10yr ppb/day
Short-Time Frequency Stability:			0.05	ppb/second
Load:		15		pF
Initial Current:			600	mA
Steady State Current			250	mA
Phase Noise:				
1 Hz		-80		dB
10 Hz		-120		dB
100 Hz		-140		dB
1 kHz		-145		dB
10 kHz		-150		dB
Output Level:	HCMOS Square			
Packaging:	25.4mm X 25.4mm X 12.5mm			



Pin No.	Pin Function
1	Output
2	GND
3	Control Voltage
4	N.C
5	Supply Voltage



Dimension (mm)

Symbol	Min	Max
A		25
B	18.80	19.20
C	11.5	11.7
D	0.70	0.90
E	5.0	6.2
F	0.6	0.8
G	9.40	9.60
H	12.5 nominal	
I	12.5 nominal	



