

REV	DESCRIPTION	DATE	APPROVED
A	Added P/N 718Y2105-1 which changed location of tuning access hole.	3/94	JMD

96852
99112
14036
15214
16582 (4008)

Temp. stability: $\pm 1 \times 10^{-7}$ over -30° to $+70^{\circ}\text{C}$

Aging: 2.5×10^{-10} /day

Freq. vs. supply: 2×10^{-9} /percent

Short-term:
(Allan Variance) 1×10^{-11} /second

Warm-up @ -30°C : 1×10^{-7} in 6 minutes after turn-on following 24 hours off)

Output: 1 Vrms into 50Ω (+13 dBm)

Level stability: ± 2 dB over $-30^{\circ}/+70^{\circ}\text{C}$

Harmonics: -20 dBc

Subharmonics: None

ssb Noise/Hz: -120 dBc at 10 Hz
-140 dBc at 100 Hz
-150 dBc at 120 kHz

Supply: +12 Vdc $\pm 5\%$

Input power: <7W at turn-on ($-30/+70^{\circ}\text{C}$)
<2.0W stabilized at 25°C

Frequency adjust: Range for 10 years aging, settable to 5×10^{-9}
(mechanical) nominal

Electrical tuning: 1×10^{-7} for 0 to 6V

Size: 2" x 2" x 1.25" (51x51x25.4 mm)

Base: SMA RF connector, solder header, 4 studs
718Y2105: installation drawing A711-28-006 (obsolete)
718Y2105-1: installation drawing A711-47-006 (active)

Mfg. # 700-00153 -1

	FSCM 27802	CO-718SL2 SERIES OCXO	SPECIFICATION CONTROL DWG NO 718Y2105	A REV
	VECTRON LABORATORIES INC NORWALK CT		SHEET	OF