

Features

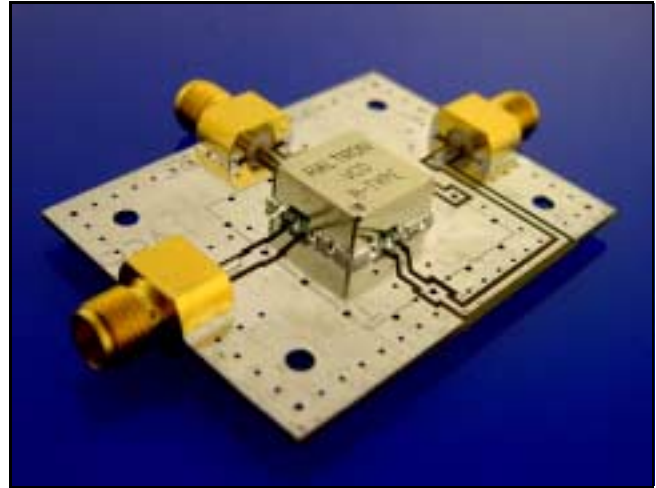
- For up to 5 GHz
- SMA-Connectors
- 50 Ohms Microstrip
- Performance Test
- Equipment Correlation
- Noise Measurements

Applications

Description

To simplify performance evaluation, Raltron offers complete VCO-evaluation-kits.

The substrate base consists of glass-reinforced laminate. High quality SMA connectors are used for all signals to minimize VSWR and improve accuracy and reliability. The layout is designed in 50 Ohms Microstrip and usable for up to 5 GHz.



VCO Evaluation Kit

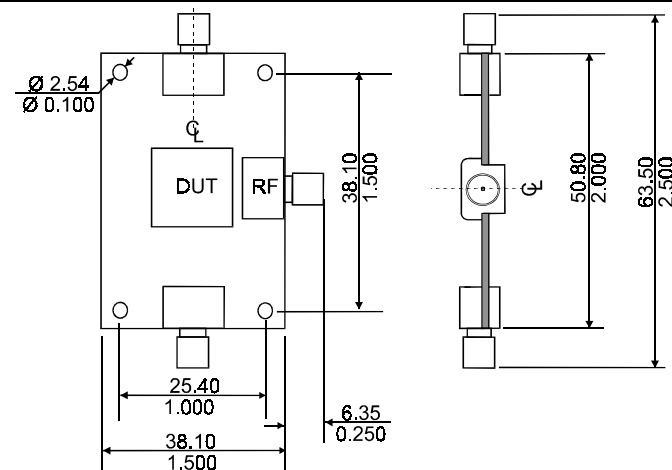
VCO-prototypes can be ordered with evaluation-board to simplify qualification tests.

The VCO Evaluation Kit includes:

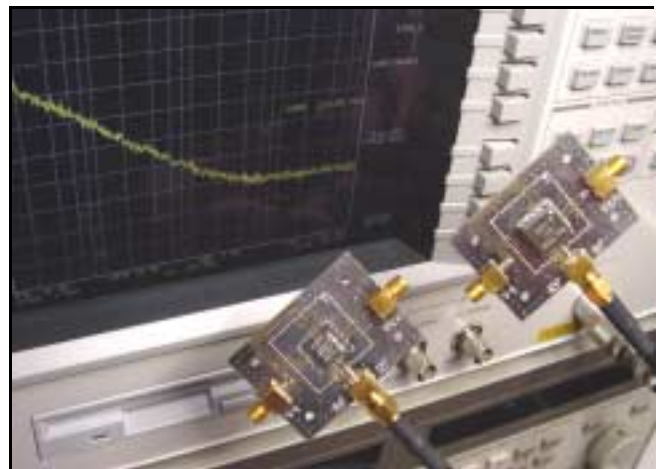
1. VCO-unit
2. Adapter board with SMA-connectors for RF-Output.
3. Test data on floppy disk.

*The ideal Solution
for
VCO-Evaluation*

Mechanical Specification



Device Under Test



Electrical Specification

PARAMETER	CONDITIONS	SYMBOL	MIN	MAX	UNIT
Max Frequency		fo		5000	MHz
Insertion Loss	Over frequency range 100 MHz to 5000 MHz	a	0.1	0.3	dB
VSWR	Over frequency range 100 MHz to 5000 MHz	VSWR	1.20	1.33	-
Contact Resistance	SMA connector	Rs		0.004	Ohms
Temperature Range	Under operating conditions	Top	-55	+105	°C

*Questions ?
- Please contact us -*