

## FDO-6550-13

### 6.55GHz, 13dBm

**Features:**

- \* High Frequency Stability
- \* Ultra Low Phase Noise

**Applications:**

- \* Wireless
- \* Transceiver
- \* Laboratory Test
- \* Radar

### Electrical

Frequency:	6.55GHz
Mechanical Tuning Frequency Range:	±10MHz min.
Frequency Temperature Stability:	±5PPM/°C
Output Power:	13dBm min.
Phase Noise:	-100dBc/Hz typ. @10KHz -120dBc/Hz typ. @100KHz -135dBc/Hz typ. @1MHz
Harmonic:	-20dBc max.
Spurious:	-80dBc max.
Voltage:	+12V VCC
Current:	250mA max.

### Mechanical

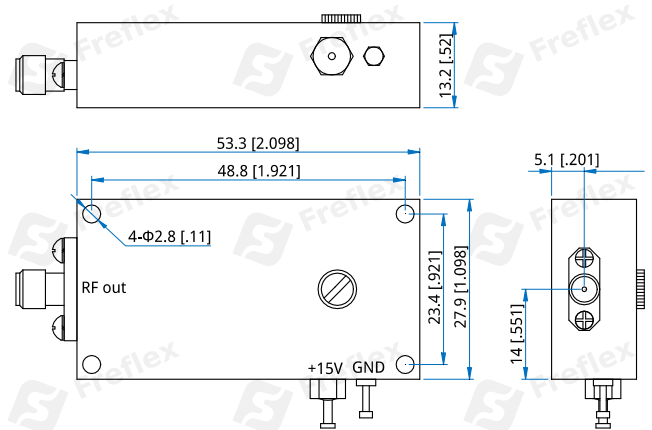
Size*1:	53.3*27.9*13.2mm 2.098*1.098*0.52in
RF Out Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

### Environmental

Operating Temperature:	-40~+75°C
Non-operating Temperature:	-55~+85°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**FDO-6550-13**

Customization is available upon request.