

## FDO-30000-20

### 30GHz, 20dBm

Features:  
 \* High Frequency Stability  
 \* Ultra Low Phase Noise

Applications:  
 \* Wireless  
 \* Transceiver  
 \* Laboratory Test  
 \* Radar

#### Electrical

Frequency:	30GHz
Mechanical Tuning Frequency Range:	±25MHz
Frequency Temperature Stability:	±5ppm/
Output Power:	20dBm min.
Phase Noise:	-70dBc/Hz typ. @10KHz
Harmonic:	-25dBc max. @15GHz, 45GHz
Spurious:	-80dBc max.
Voltage:	+12V VCC
Current:	500mA max.

#### Mechanical

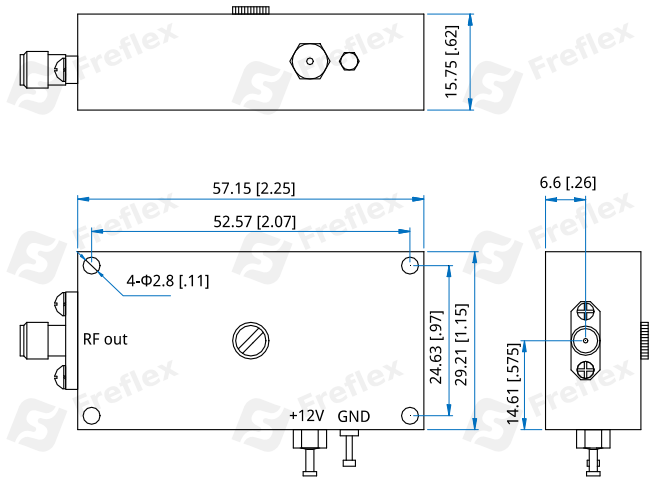
Size <sup>*1</sup> :	57.15*29.21*15.75mm 2.25*1.15*0.62in
RF Connectors:	2.92mm Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

#### Environmental

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

#### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.2mm [±0.008in]

#### How To Order

**FDO-30000-20**

Customization is available upon request.