

# QVO-30000-20

## 30GHz, 20dBm

**Features:**

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

**Applications:**

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

**Electrical**

Output Frequency:	30GHz
Mechanical Tuning:	±10MHz min.
Frequency Stability:	±50ppm max. (Normal temperature)
Output Power:	20dBm min.
Phase Noise:	-70dBc/Hz max. @10KHz -95dBc/Hz max. @100KHz -125dBc/Hz max. @1MHz
Harmonic:	-20dBc max. @15GHz & 45GHz
Spurious:	-75dBc max.
Voltage:	+12V
Current:	450mA max.

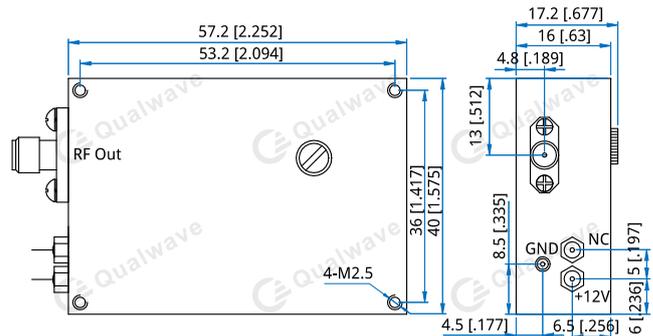
**Mechanical**

Size <sup>*1</sup> :	57.2*40*17.2mm 2.252*1.575*0.677in
RF Connectors:	SMA Female
Power Supply & Control Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5mm

[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**

**QVO-30000-20**

Customization is available upon request.