

## QPXO-100-5ET-165-1

### 100MHz, External Reference

Features:  
\* Low phase noise

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

#### Electrical

Output Frequency:	100MHz
External Reference:	10MHz
	0~+10dBm
Frequency Stability:	±0.5ppm max.
Frequency Accuracy:	±0.5ppm max.
Output Power:	5dBm min.
Spurious:	-70dBc max.
Harmonic:	-30dBc max.
Phase Noise:	-125dBc/Hz@100Hz
	-155dBc/Hz@1KHz max.
	-165dBc/Hz@10KHz max.
	-165dBc/Hz@100KHz max.
	-165dBc/Hz@1MHz max.
Voltage:	+12V DC
Current:	500mA max.
Impedance:	50Ω

#### Mechanical

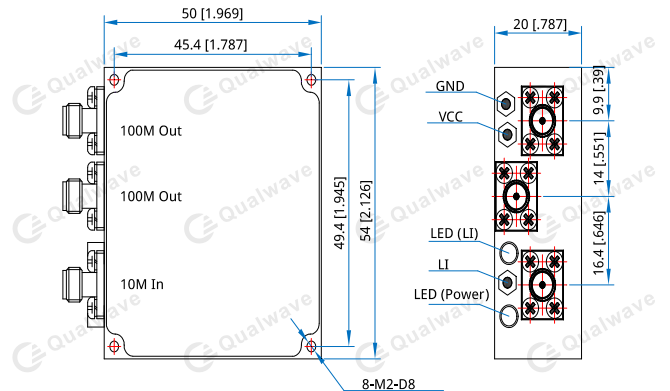
Size*1:	50*54*20mm
	1.969*2.126*0.787in
RF Connectors:	SMA Female
Mounting:	8-M2, depth 8mm

[1] Exclude connectors.

#### Environmental

Operating Temperature:	-40~+75°C
Non-operating Temperature:	-45~+85°C

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

#### How To Order

**QPXO-100-5ET-165-1**

Customization is available upon request.