

## QCXO-100-7-162

100MHz, 7dBm

Features:  
\* Low phase noise

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

### Electrical

Output Frequency:	100MHz
Frequency Accuracy:	±0.5ppm max.
Frequency Temperature Stability:	0.5ppm max. @-40~+75°C
Annual Aging:	0.5ppm max.
Output Power:	7±1dBm
Phase Noise:	-162dBc/Hz max. @1KHz
Isolation:	35dB min.
Harmonic:	-30dBc max.
Spurious:	-75dBc max.
Working Voltage:	AC~220V
Working Current:	800mA max. (first) 600mA max. (stable)
Laser Diode (LD):	TTL-Level
	High (1): 0dBm min. Low (0): -5dBm max.

### Mechanical

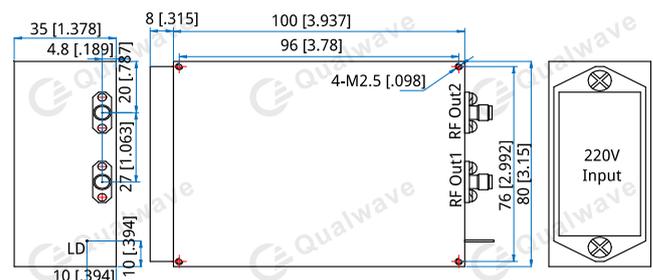
Size*1:	100*80*35mm 3.937*3.15*1.378in
RF Out Connectors:	SMA female
Power Supply Connectors:	Feed through/Terminal post
Mounting:	4-M2.5mm through-hole

[1] Exclude connectors.

### Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+85°C

### Outline Drawings



Unit: mm [in]  
Tolerance: ±0.5mm [±0.02in]

### How To Order

**QCXO-100-7-162**

Customization is available upon request.