

QPXO-100-5ET-165

100MHz, External Reference

Features:
* Low phase noise

Applications:
* Wireless
* Transceiver
* Laboratory Test

Electrical

Output Frequency (RF1/RF2):	100MHz
External Reference:	10MHz
	0~+10dBm
Frequency Stability:	±0.1ppm max.
Frequency Accuracy:	±0.1ppm 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.
Output Frequency (RF3):	10MHz
Output Power:	7dBm min.
Spurious:	-70dBc max.
Voltage:	+12V DC
Current:	500mA max.
Impedance:	50Ω

Mechanical

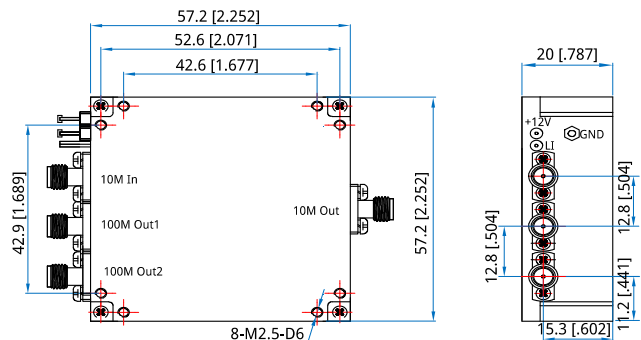
Size*1:	57.2*57.2*20mm
	2.252*2.252*0.787in
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	8-M2.5, depth 6mm

[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

Customization is available upon request.