

# QPDO-E-135-15.66

External Reference, 135MHz, 15.66GHz

**Features:**

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

**Applications:**

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

**Electrical**

Output Frequency:	15.66GHz
Output Power:	13dBm min.
Spurious:	-75dBc max.
Harmonic:	-25dBc max.
External Reference:	135MHz(-5~+5dBm)
	-155dBc/Hz@1KHz
	-160dBc/Hz@10KHz
	-160dBc/Hz@100KHz
Phase Noise:	-110dBc/Hz@1KHz
	-114dBc/Hz@10KHz
	-114dBc/Hz@100KHz
	-130dBc/Hz@1MHz
Voltage:	+12V DC
Current:	330mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

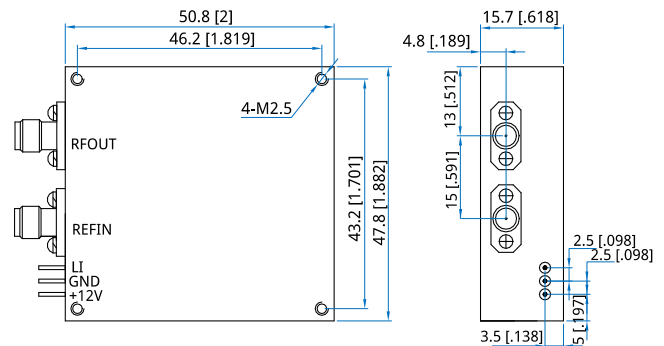
**Mechanical**

Size*1:	50.8*47.8*15.7mm
	2*1.882*0.618in
RF Connectors:	SMA Female
	( Field Replaceable)
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5mm through-hole

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-55~+75°C
Non-operating Temperature:	-55~+85°C

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**How To Order**

**QPDO-E-135-15.66**

Customization is available upon request.