

QPDO-I-100-34.941

Internal Reference, 100MHz, 34.941GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	34.941GHz
Output Power:	15dBm min
Frequency Stability:	±1ppm max.
Spurious:	-65dBc max. @±1GHz
Internal Reference:	100MHz
Phase Noise:	-65dBc/Hz@100Hz
	-75dBc/Hz@1KHz
	-80dBc/Hz@10KHz
	-85dBc/Hz@30KHz
	-85dBc/Hz@100KHz
Voltage/Current:	+12V DC/800mA max.
	-12V DC/100mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

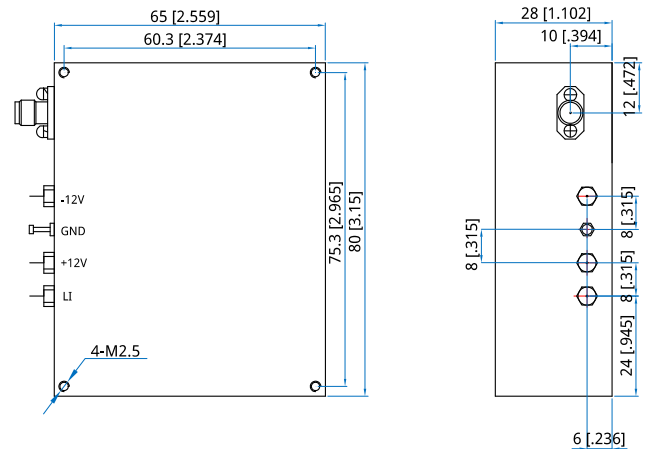
Mechanical

Size*1:	65*80*28mm
	2.559*3.15*1.102in
Output Connectors:	2.92mm female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[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

QPDO-I-100-34.941

Customization is available upon request.