

QPDO-I-75-23.85

Internal Reference, 75MHz, 23.85GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	23.85GHz
Output Power:	15dBm min
Frequency Stability:	±2.5ppm max.
Output Spurious:	-70dBc max.
Output Harmonic:	-20dBc max. @11.925GHz, 35.775GHz, 47.7GHz
Internal Reference:	75MHz
Output Phase Noise:	-70dBc/Hz@100Hz max. -100dBc/Hz@1KHz max. -105dBc/Hz@10KHz max. -107dBc/Hz@100KHz max. -120dBc/Hz@1MHz max.
Voltage:	+12V DC
Current:	700mA max. (first) 550mA max. (stable)
Lock Indicator (LI):	TTL logic High: locked Low: unlocked

Mechanical

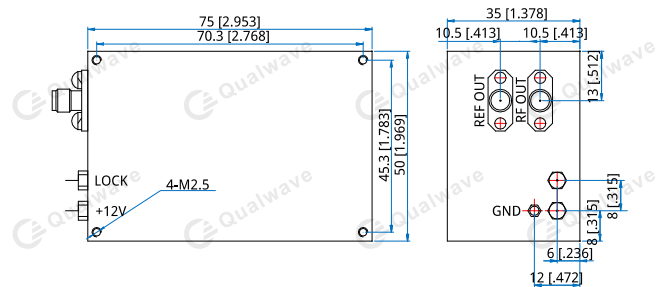
Size ^{*1} :	75*50*35mm 2.953*1.969*1.378in
RF Out Connectors:	2.92mm Female
REF Out Connectors::	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	4-M2.5 through-hole

[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-75-23.85

Customization is available upon request.