

QPDO-EI-10-8

Internal Reference & External Reference, 10MHz, 8GHz

Features:
 * High Frequency Stability
 * Ultra Low Phase Noise

Applications:
 * Wireless
 * Transceiver
 * Laboratory Test
 * Radar

Electrical

Output Frequency:	8GHz
Frequency Stability:	±0.1ppm max. As external reference when applied
Output Power:	13~15dBm
Spurious:	-70dBc max.
Harmonic:	-20dBc max.
External Reference	10MHz
(Auto sense):	
Phase Noise:	0~+10dBm
-90dBc/Hz@100Hz	
-113dBc/Hz@1KHz	
-120dBc/Hz@10KHz	
-120dBc/Hz@100KHz	
-140dBc/Hz@1MHz	
Voltage:	+12V DC
Current:	600mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Mechanical

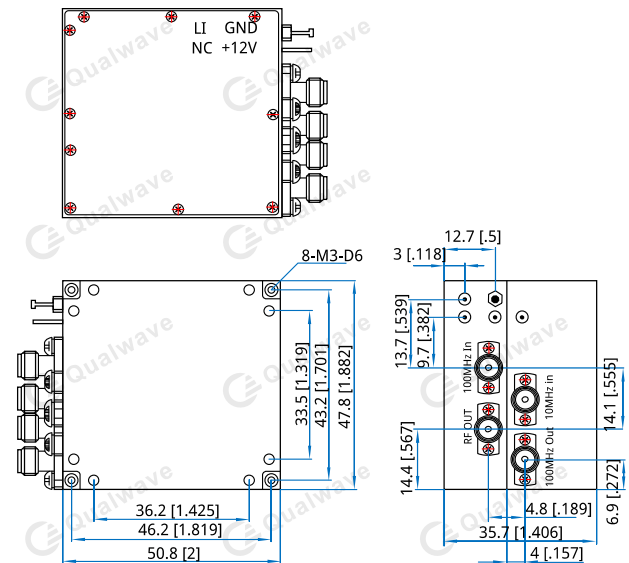
Size ^{*1} :	50.8*47.8*35.7mm
	2*1.882*1.406in
RF Connectors:	SMA Female
Power Supply Interface:	Feed Through/Terminal Post
Mounting:	8-M3, Depth 6mm

[1] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QPDO-EI-10-8

Customization is available upon request.