

QPDO-I-80-7.68-1

Internal Reference, 80MHz, 7.68GHz

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Output Frequency:	7.68GHz
Frequency Stability:	±1ppm max.
Output Power:	13dBm min.
Power Flatness:	3dB max.
Internal Reference:	80MHz
	-160dBc/Hz@1KHz
Harmonic:	-20dBc max.
Spurious:	-80dBc max. @±1GHz
Voltage:	+12V DC
Current:	700mA max.
Lock Indicator (LI):	TTL logic
	High: locked
	Low: unlocked

Phase Noise

Static (25°C)	Vibration (25°C)
-80dBc/Hz@100Hz	-65dBc/Hz@100Hz
-105dBc/Hz@1KHz	-70dBc/Hz@1KHz
-115dBc/Hz@5KHz	105dBc/Hz@5KHz
-110dBc/Hz@10KHz	-110dBc/Hz@10KHz
-130dBc/Hz@1MHz	-130dBc/Hz@1MHz

Mechanical

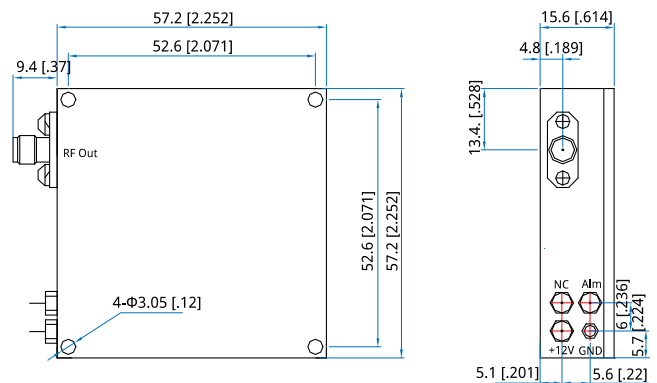
Size*1:	57.2*57.2*15.6mm 2.252*2.252*0.614in
Output Connectors:	SMA female
Power Supply Interface:	Feed Through/Terminal Post
Vibration:	0.04g2/Hz:20 to 1000Hz-6dB/Octave:1KHz-2KHz , 5minutes per direction/3axis
Mounting:	4-Φ3.05mm through-hole

[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

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Customization is available upon request.