

QDO-10300-20

10.3GHz, 20dBm

Features:

- * High Frequency Stability
- * Ultra Low Phase Noise

Applications:

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

Electrical

Frequency:	10.3GHz
Frequency Temperature Stability:	$\pm 3\text{ppm}/^\circ\text{C}$ max.
Mechanical Tuning Range:	$\pm 70\text{MHz}$
Power Supply Vibration:	$\pm 2\text{dBm}$ max.
Output Power:	20dBm min.
Phase Noise:	-85dBc/Hz@10KHz max.
Harmonic:	-20dBc max.
Spurious:	-70dBc max.
Voltage:	+12V
Current:	200mA max.

Mechanical

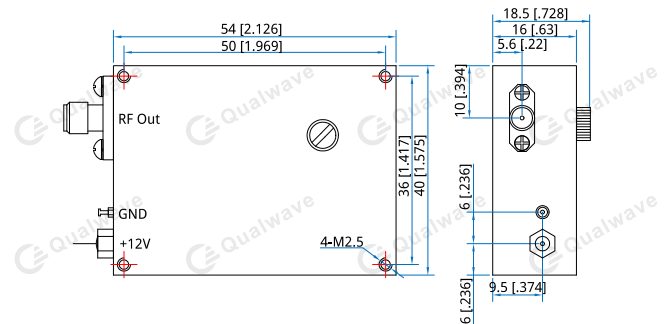
Size ^{*1} :	54*40*18.5mm 2.126*1.575*0.728in
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4- $\Phi 2.5\text{mm}$ through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+80°C
Non-operating Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

How To Order

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Customization is available upon request.