

QDLVA-10-6000-70-40

0.01~6GHz, 70dB, 40mV/dB

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test



Electrical

Frequency:	0.01~6GHz
Dynamic Range:	70dB typ.
TSS:	-65dBm
Log Slope:	40mV/dB typ.
Log Error:	±3dB typ.
Log Linearity:	±1dB typ. @-50~-10dBm
VSWR:	1.4 typ.
Rise Time:	25ns typ.
Recovery Time:	25ns typ.
Video Output Range:	+1.2~+4V DC
Power Supply Voltage:	+5V DC
Current:	50mA typ.
Video Load:	50Ω

Absolute Maximum Ratings*1

Input Power:	+15dBm
Power Supply Voltage:	+5.5V

[1] Permanent damage may occur if any of these limits are exceeded.

Mechanical

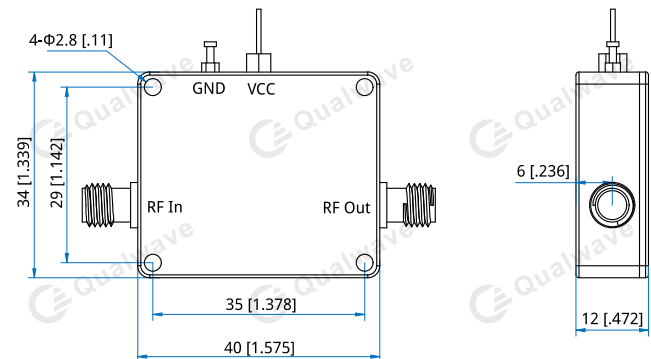
Size*2:	40*34*12mm 1.575*1.339*0.472in
RF Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[2] Exclude connectors.

Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

QDLVA-10-6000-70-40

Customization is available upon request.

Typical Performance Curves

