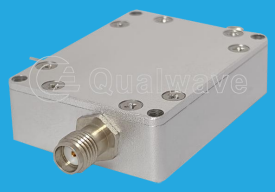
QDLVA-0.5-8000-70-40

0.5MHz~8GHz, 70dB, 40mV/dB

Features:
* Small Size
* Low Power Consumption

Applications:
* Laboratory Test
* Telecommunication
* Wireless
* Instrumentation



Electrical

Frequency:	0.5MHz~8GHz
Dynamic Range:	70dB typ.
TSS:	-65dBm
Log Slope:	40mV/dB typ.
Log Error:	±3dB typ.
Log Linearity:	±3dB typ. @-55~+5dBm
VSWR:	3.5 typ.
Rise Time:	20ns typ.
Recovery Time:	20ns typ.
Video Output Range:	+1.8~+4.8V DC
Power Supply Voltage:	+5V DC
Current:	25mA typ.
Video Load:	50Ω

Absolute Maximum Ratings*1

Input Power:	+20dBm
Power Supply Voltage:	+5.5V

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

Mechanical

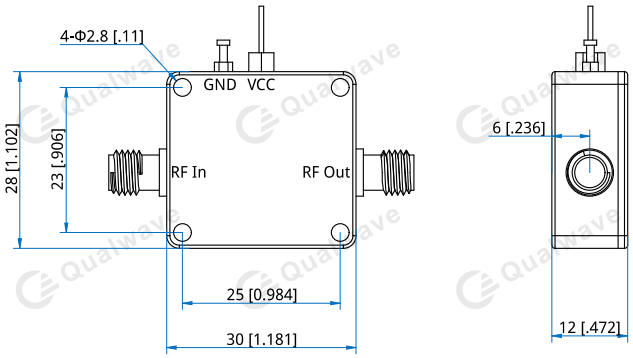
Size*2:	30*28*12mm
	1.181*1.102*0.472in
RF Connectors:	SMA Female
Mounting:	4-Φ2.8mm through-hole

[2] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

QDLVA-0.5-8000-70-40

Customization is available upon request.

Typical Performance Curves

