

QDLVA-100-20000-60-30

0.1~20GHz, 60dB, 30mV/dB

Features:
 * Small Size
 * Low Power Consumption

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test



Electrical

Frequency:	0.1~20GHz
Dynamic Range:	60dB typ.
TSS:	-52dBm
Log Slope:	30mV/dB typ.
Log Linearity:	±3dB typ.
VSWR:	2 typ.
Rise Time*1:	10ns typ.
Recovery Time*2:	10ns typ.
Video Output Range:	0.9~2.6V DC
Power Supply Voltage:	+5V DC
Current:	80mA typ.
Video Load:	1KΩ min.

[1] From 10% to 90% @ -10 dBm.
 [2] From 90% to 10% @ -10 dBm.

Absolute Maximum Ratings*3

Input Power:	+15dBm
Power Supply Voltage:	+6V

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

Mechanical

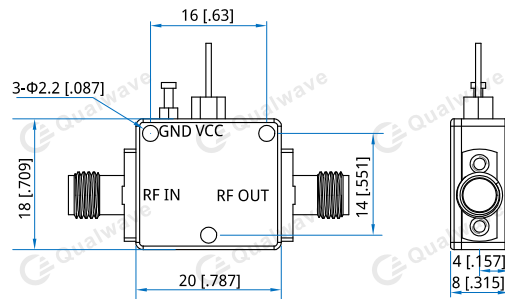
Size*4:	20*18*8mm 0.787*0.709*0.315in
RF Connectors:	SMA Female (Removable)
Mounting:	3-Φ2.2mm through-hole

[4] Exclude connectors.

Environmental

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

Outline Drawings



Unit: mm [in]
 Tolerance: ±0.2mm [±0.08in]

How To Order

QDLVA-100-20000-60-30

Customization is available upon request.

Typical Performance Curves

