

QLA-500-8000-20-16

0.5~8GHz, 20dB, 1.6dB

Features:
 * Broad Band
 * Low Noise

Applications:
 * Wireless
 * Receiver
 * Laboratory Test
 * Radar

Electrical

Frequency:	0.5~8GHz
Small Signal Gain:	20dB typ.
Gain Flatness:	±1.0dB typ. @0.5~7GHz
Output Power (P1dB):	+18dBm typ.
IP3:	28dBm typ.
Noise Figure:	1.6dB typ.
VSWR:	2.3 max. @0.5~7GHz 3.5 max. @7~8GHz
Input Power(no damage):	15dBm
Voltage:	+6V DC typ.
Current:	80mA typ.@6V
Impedance:	50Ω

Mechanical

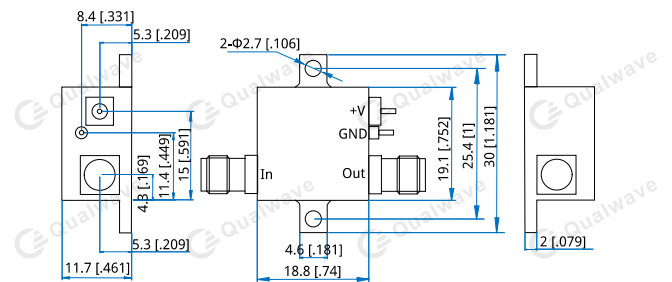
Size ^{*1} :	18.8*19.1*11.7mm 0.74*0.752*0.461in
RF Connectors:	SMA Female
Mounting:	2-Φ2.7mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+100°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±0.2mm [±0.008in]

How To Order

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Customization is available upon request.