

QDA-8000-18000-70-1

8~18GHz, 70dB, 1dB

Features:
 * Broadband
 * High Dynamic Range

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	8~18GHz
Insertion Loss:	11dB max.
Attenuation Flatness:	±1.5dB max.
Digital Control:	7Bit
Step:	1dB
Attenuation Range:	70dB max.
Attenuation Accuracy:	5% of attenuation setting max.
Switching Time:	100nS max.
VSWR:	2 max. @Attenuation 0dB
Voltage:	+5V/-5V DC
Current:	0.1A typ.
Input Power:	27dBm max.

Mechanical

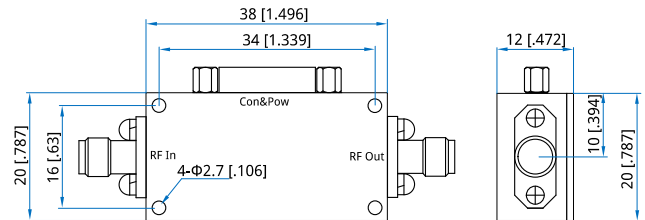
Size ^{*1} :	38*20*12mm 1.496*0.787*0.472in
RF Connectors:	SMA female
Power Supply & Control Interface Connectors:	J30J-15ZKP
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+70°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Pin Numbering

Pin	Function	Pin	Function
1	+5V	7	8dB
2	-5V	8	8dB
3	GND	9	16dB
4	1dB	10	32dB
5	2dB	11~14	NC
6	4dB	15	GND

How To Order

QDA-8000-18000-70-1

Customization is available upon request.