

QDA-9000-10000-47.5-0.5

9~10GHz, 47.5dB, 0.5dB

Features:
 * Broadband
 * High Dynamic Range

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	9~10GHz
Insertion Loss:	5.5dB max.
Attenuation Flatness:	±0.75dB max.
Control Bits:	7
Step:	0.5dB
Attenuation Range:	0 ~ 47.5dB
Attenuation Accuracy:	3% of attenuation setting max.
Switching Time:	100nS max.
VSWR:	1.8 max. @Attenuation 0dB
Voltage:	+5V DC
Current:	0.2A typ.
Input Power:	27dBm max.

Mechanical

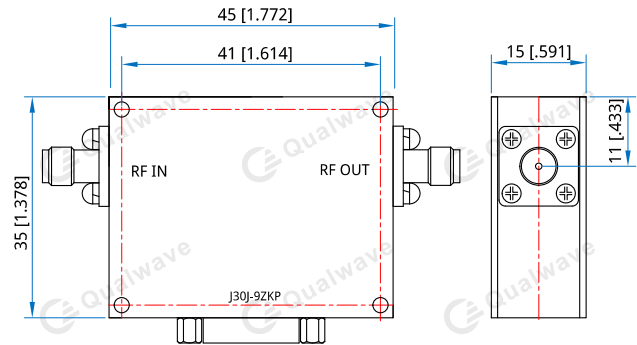
Size ^{*1} :	45*35*15mm 1.772*1.378*0.591in
RF Connectors:	SMA Female
Power Supply & Control Interface Connectors:	J30J-9ZKP
Mounting:	4-Φ2.8mm through-hole

[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	6	4dB
2	GND	7	8dB
3	0.5dB	8	16dB
4	1dB	9	16dB
5	2dB		

How To Order

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Customization is available upon request.