

FDA-0-6000-30-1

DC~6GHz, 30dB, 1dB

Features:

- * Broadband
- * High Dynamic Range

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	DC~6GHz
Insertion Loss:	2dB typ.
Attenuation Range:	0~30dB
Step:	1dB
Attenuation Accuracy:	3~5% of attenuation setting typ.
SWR:	1.5 typ.
Input Power:	+20dBm max.
Impedance:	50Ω

Mechanical

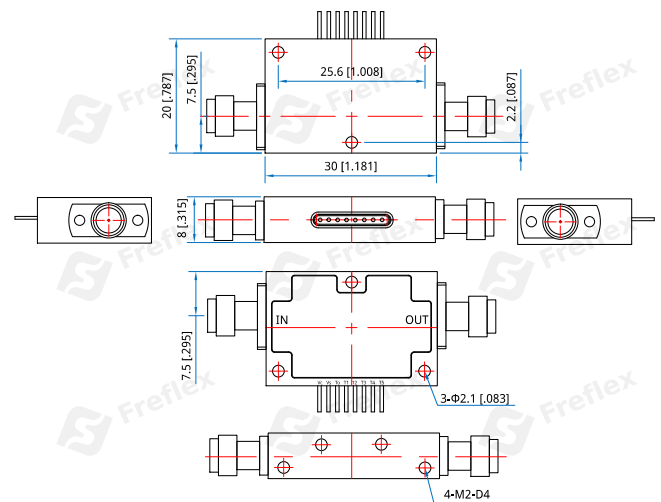
Size ^{*1} :	30*20*8mm 1.181*0.787*0.315in
Weight:	100g max.
RF Connectors:	SMA Female
Power Supply & Control Interface:	Feed Through/Terminal Post
Mounting:	3-Φ2.1mm through-hole 4-M2, depth 4mm

[1] Exclude connectors.

Enironmental

Operating Temperature:	-20~+60°C
Non-operating Temperature:	-40~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Logic Table

Bias oltage (V)		Control (V)					Stage
VEE	T0	T1	T2	T3	T4	T5	
-5	0	0	0	0	0	0	Reference IL
-5	0	0	0	0	0	3.3	1dB
-5	0	0	0	0	3.3	0	2dB
-5	0	0	0	3.3	0	0	4dB
-5	0	0	3.3	0	0	0	8dB
-5	0	3.3	0	0	0	0	16dB

How To Order

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Customization is available upon request.