NSM-9K-30-8-8
2-SP8T, 9K~30GHz

Features:
* Low Insertion Loss
* High Isolation

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	9K~30GHz
Insertion Loss:	9dB max.
Isolation:	45dB typ.
VSWR:	2.5 max.
Power:	25dBm max. @500KHz~30GHz
	13dBm max. @9K~500KHz
Voltage/Current:	5V/150mA max.
Impedance:	50Ω

Mechanical
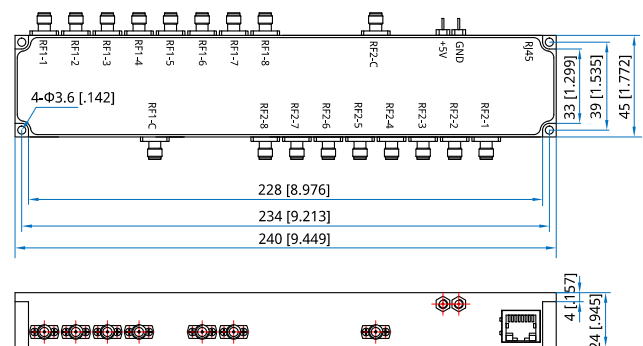
Size*[1]:	240*45*24mm
	9.449*1.772*0.945in
RF Connectors:	2.92mm Female
Power Supply Connectors:	Feed Through/Terminal Post
Control Interface:	RJ45
Mounting:	4-Φ3.6mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+85℃
Non-operating Temperature:	-45~+105℃

Outline Drawings

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

How To Order
NSM-9K-30-8-8

Customization is available upon request.

NSM-30-3000-5-15
5-SP3T, 0.03~3GHz

Features:
* Low Insertion Loss
* High Isolation

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	0.03~3GHz
Insertion Loss:	2dB max.
Isolation:	50dB min.
On-off Ratio:	50dB min.
Phase Balance:	±2° max.
Amplitude Balance:	1dB max.
IP2:	45dBm typ.
IP3:	25dBm typ.
On/Off Delay:	10uS max.
Switch Control Signal:	10Bit LVTTL
Voltage/Current:	5V/500mA max.
Impedance:	50Ω

Mechanical

Size[1]:	240*60*20mm
	9.449*2.362*0.787in
RF Connectors:	SMA Female
Power Supply & Control Interface:	J30J-15ZKP
Mounting:	4-Φ3.6mm through-hole

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+85℃
Non-operating Temperature:	-55~+125℃

Pin Numbering

Pin	Function	Pin	Function
1	+5V	4~13	Control
2	AGND	14~15	NC
3	DGND		

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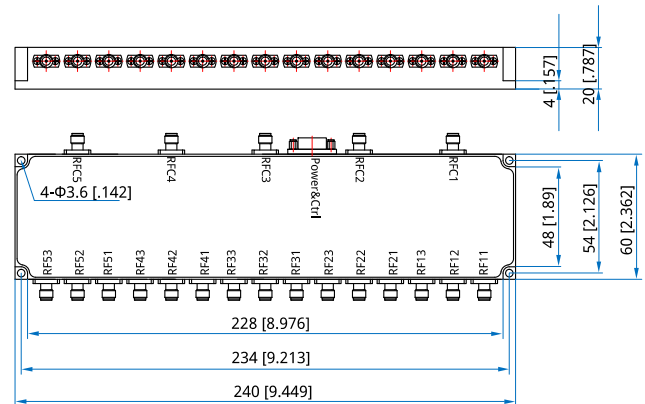
Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

Control True Table

C4	C5	Connection	C4	C5	Connection
0	0	RFC1-RF11 On	1	0	RFC1-RF13 On
0	1	RFC1-RF12 On	1	1	Off
C6	C7	Connection	C6	C7	Connection
0	0	RFC2-RF21 On	1	0	RFC2-RF23 On
0	1	RFC2-RF22 On	1	1	Off
C8	C9	Connection	C8	C9	Connection
0	0	RFC3-RF31 On	1	0	RFC3-RF33 On
0	1	RFC3-RF32 On	1	1	Off
C10	C11	Connection	C10	C11	Connection
0	0	RFC4-RF41 On	1	0	RFC4-RF43 On
0	1	RFC4-RF42 On	1	1	Off
C12	C13	Connection	C12	C13	Connection
0	0	RFC5-RF51 On	1	0	RFC5-RF53 On
0	1	RFC5-RF52 On	1	1	Off

How To Order

NSM-30-3000-5-15

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