

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 LVTTTL
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	J30J-15ZKP
Interface:	
Mounting:	4-Φ3.6mm through-hole

[1] Exclude connectors.

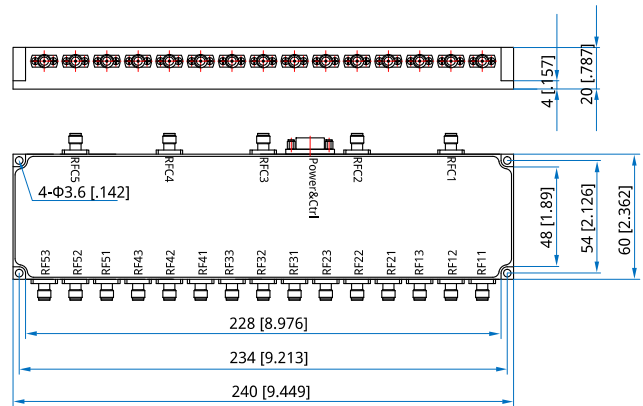
Environmental

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

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](#)

Customization is available upon request.