

NPS8-1000-18000-A

SP8T, 1~18GHz, Absorptive

- Features:

 - * Low Insertion Loss
 - * High Isolation
- Applications:

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

Electrical

Frequency:	1~18GHz
Insertion Loss:	7dB max. @25°C
Isolation:	60dB min.@25°C
VSWR:	2.5 max.
Output Phase Equalization:	50° max.@25°C
IP3:	45dBm min.
Switching Time:	200ns max.
Voltage/Current:	±5V/2A max.
Impedance:	50Ω
Input Power:	1W max.
Control:	TTL High - 1 TTL Low/NC - 0

Mechanical

Size*1:	79.42*69.94*16mm 3.127*2.754*0.63in
RF Connectors:	SMA Female
Power Supply & Control Connectors:	Feed Through
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors.

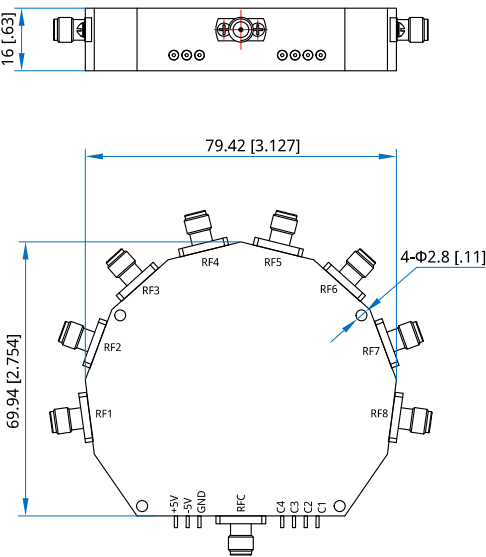
Environmental

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

Control True Table

C1	C2	C3	C4	Connection
0	0	0	0	RFC - RF1 On
0	0	0	1	RFC - RF2 On
0	0	1	0	RFC - RF3 On
0	0	1	1	RFC - RF4 On
0	1	0	0	RFC - RF5 On
0	1	0	1	RFC - RF6 On
0	1	1	0	RFC - RF7 On
0	1	1	1	RFC - RF8 On

Outline Drawings



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

How To Order

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Customization is available upon request.