

**NPD3-700-4000**

### 3-Way, 0.7~4GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

Applications:

- \* Amplifiers
- \* Mixers
- \* Antennas
- \* Laboratory Test

## Electrical

Frequency:	0.7~4GHz
Insertion Loss:	1.2dB max. (SMA) 1.4dB max. (N)
Input VSWR:	1.3 max.
Output VSWR:	1.2 max.
Isolation:	20dB min.
Amplitude Balance:	±0.5dB
Phase Balance:	±5°
Impedance:	50Ω
Average Power:	30W max. 2W max. as combiner

## Mechanical

Mounting: 4- $\Phi$ 3.2mm through-hole

## Environmental

Operation Temperature: -35~+75°C

## How To Order

NPD3-700-4000-X-Y

X: Average power as divider

Y: Connector type

### Connector naming rules:

S - SMA Female (Outline A)

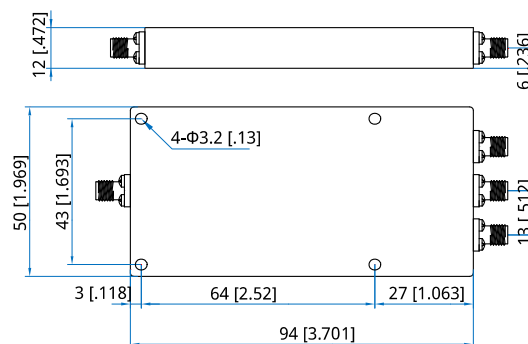
N - N Female (Outline B)

Examples:

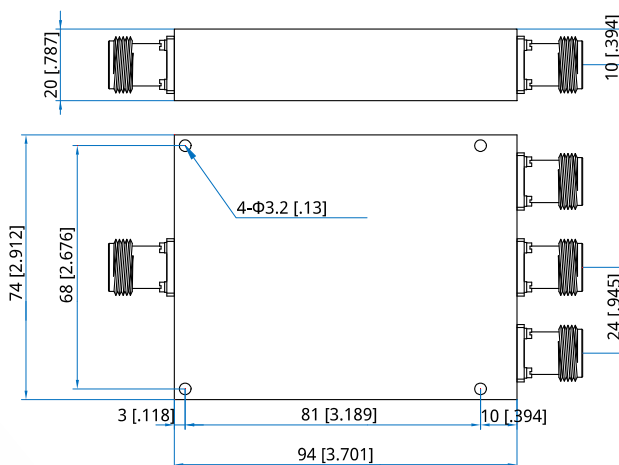
To order a 3-way power divider, 0.7~4GHz, 30W, N female, specify NPD3-700-4000-30-N.

Customization is available upon request.

## Outline Drawings



## Outline A



## Outline B

Unit: mm [in]

Tolerance:  $\pm 0.5\text{mm}$  [ $\pm 0.02\text{in}$ ]