



## 8-Way Resistive Power Divider

### NPD8-0-18000-1-S

8-Way, DC~18GHz, 1W

#### Features:

- \* Small Size
- \* Low Insertion Loss

#### Applications:

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

#### Electrical

|                    |              |
|--------------------|--------------|
| Frequency:         | DC~18GHz     |
| Insertion Loss:    | 23dB max.    |
| Input VSWR:        | 1.6 max.     |
| Output VSWR:       | 2.5 max.     |
| Isolation:         | 18dB min.    |
| Amplitude Balance: | $\pm 1.4$ dB |
| Impedance:         | 50 $\Omega$  |
| Average Power:     | 1W           |

#### Mechanical

|                      |                                      |
|----------------------|--------------------------------------|
| Size* <sup>1</sup> : | 60.5*92.5*10mm<br>2.37*3.642*0.394in |
|----------------------|--------------------------------------|

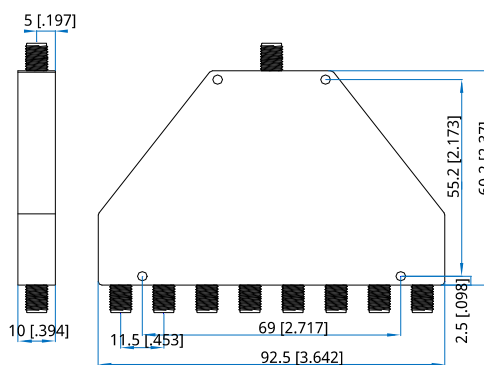
Connectors: SMA Female

[1] Exclude connectors.

#### Environmental

Operation Temperature: -35~+75°C

#### Outline Drawings



Unit: mm [in]

Tolerance:  $\pm 0.5$ mm [ $\pm 0.02$ in]

#### How To Order

**NPD8-0-18000-1-S**

Customization is available upon request.