

## QSDC-1-100-1

### 1~100MHz, 1W

#### Features:

- \* Broadband
- \* Low Insertion Loss

#### Applications:

- \* Amplifiers
- \* Transmitter
- \* Laboratory Test
- \* Radar

#### Electrical

Frequency:	1~100MHz
Insertion Loss:	0.3dB max.
Flatness:	0.15dB max.
Coupling:	10±0.5, 20±0.8dB
Directivity:	20dB typ.
VSWR:	1.2 max.
Average Power:	1W

#### Mechanical

Size <sup>*1</sup> :	28*28*12mm 1.102*1.102*0.472in
Connectors:	SMA female
Mounting:	4-Φ2.7mm through-hole

#### Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+100°C

#### How To Order

##### QSDC-1-100-1-X-Y

X: Coupling (10, 20 - Outline A)

Y: Connector type

Connector naming rules:

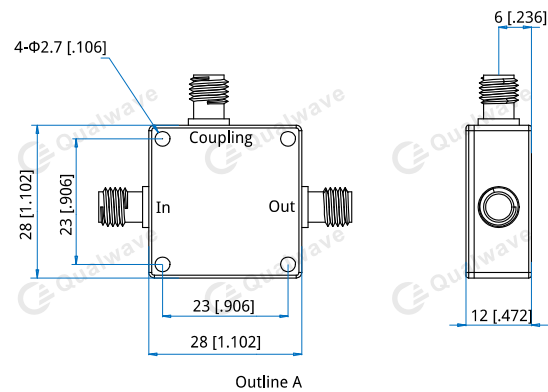
S - SMA female (Outline A)

Examples:

To order a single directional coupler, 1~100MHz, 1W, 10dB, SMA female, specify QSDC-1-100-1-10-S.

Customization is available upon request.

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]