

# QCI1523C

## High Power, High Isolation

**Features:**

- \* High Power
- \* High Isolation
- \* Low Insertion Loss
- \* Low VSWR

**Applications:**

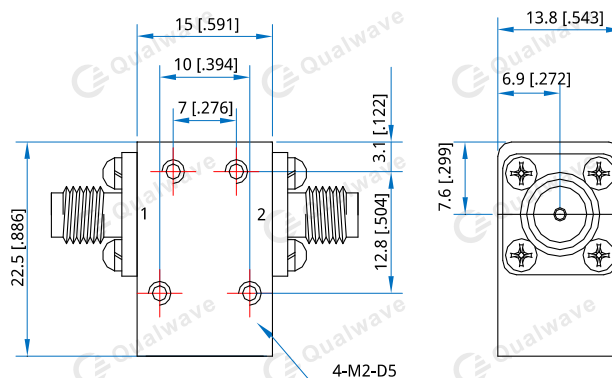
- \* Wireless
- \* Radar
- \* Laboratory Test

**Description**

QCI1523C series Coaxial Isolators cover frequency range 3600~7200MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

**Specifications**

Frequency (MHz)	Bandwidth (MHz)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Connector	Temperature (°C)
3600~4200	600	0.50	18.0	1.30	60	10	SMA	-10~+60
4000~5000	1000	0.50	18.0	1.30	60	10	SMA	-10~+60
4500~5500	1000	0.40	20.0	1.25	60	10	SMA	-10~+60
5800~7200	1400	0.50	18.0	1.35	60	10	SMA	-10~+60

**Outline Drawings**


Unit: mm [inch]      Tolerance:  $\pm 0.2\text{mm}$  [ $\pm 0.008\text{in}$ ]

**Mechanical**

Size\*1: 15\*22.5\*13.8mm  
0.591\*0.886\*0.543in

Mounting: 4-M2, depth 5mm

[1] Exclude connectors and terminations.

**Connector Naming Rules:**

S - SMA Female

**Direction Naming Rules:**

- 1 - Clockwise
- 2 - Anticlockwise

**How To Order**

**QCI1523C-U-V-W-X-Y-Z**

U: Start frequency in MHz

V: Stop frequency in MHz

W: Forward power in W

X: Reverse power in W

Y: Connector type

Z: Direction type

**Examples:**

To order a QCI1523C series Isolator, 3600~4200MHz, Forward power 60W, Reverse power 10W, SMA female, Clockwise, specify QCI1523C-3600-4200-60-10-S-1.

Customization is available upon request.