

# QCT1820

## DC~18GHz, 20W

Features:  
 \* Low VSWR  
 \* Broadband

Applications:  
 \* Transmitters  
 \* Antennas  
 \* Laboratory Test  
 \* Impedance Matching



### Electrical

Frequency Range: DC~18GHz  
 Average Power<sup>\*1</sup>: 20W@25°C  
 Impedance: 50Ω

[1] Derated linearly to 1W@120°C.

### VSWR

Frequency (GHz)	VSWR (max.)
DC~4	1.20
DC~8	1.25
DC~12.4	1.35
DC~18	1.40

### Mechanical

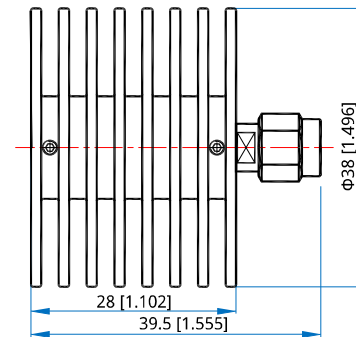
Size<sup>\*2</sup>: Φ38\*28mm  
 Φ1.496\*1.102in  
 Connector: SMA, N

[2] Exclude connectors.

### Environmental

Temperature: -55~+125°C

### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

### How To Order

**QCT1820-X-Y**

X: Frequency in GHz

Y: Connector type

Connector naming rules:

N - N male  
 NF - N female  
 S - SMA male  
 SF - SMA female

Examples:

To order a termination, DC-18GHz, SMA male, specify QCT1820-18-S.

Customization is available upon request.