

QCT1820

DC~18GHz, 20W

Features:
* Low VSWR
* Broadband

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



Electrical

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

[1] Derated linearly to 1W@120°C.

Peak Power

Peak Power (W)	Pulse Width (μs)	Duty Cycle (%)	Applicable Scope
500		2	@SMA,DC~18GHz
5000	5	1	@N,DC~12.4GHz
1000		1	@N,18GHz

VSWR

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

Mechanical

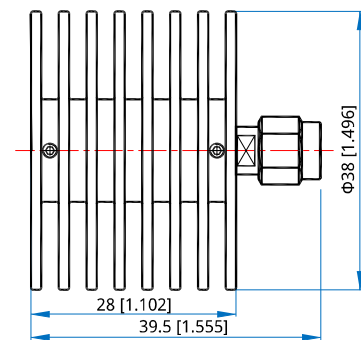
Size*2: Φ38*28mm
Φ1.496*1.102in
Connector: SMA, N

[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.