

QCT1810

DC~18GHz, 10W

Features:
 * Low VSWR
 * Broadband

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



Electrical

Frequency Range:	DC~18GHz
Average Power* ^{1, 2} :	10W@25°C max.
Impedance:	50Ω
Peak Power:	500W (5μS pulse width, 1% duty cycle) @SMA 1KW (5μS pulse width, 0.5% duty cycle) @N

[1] Derated linearly to 0.5W@120°C.

[2] Derated linearly to 0.1W@125°C.(SMP)

VSWR

Frequency (GHz)	VSWR (max.)
DC~4	1.20
DC~8	1.25
DC~12.4	1.35
DC~18	1.40, 1.50 (SMP)

Mechanical

Connectors: N, SMA,SMP

Environmental

Temperature: -55~+125°C

How To Order

QCT1810-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

N - N male (Outline A)

NF - N female

S - SMA male (Outline B)

SF - SMA female

P - SMP male (Outline C)

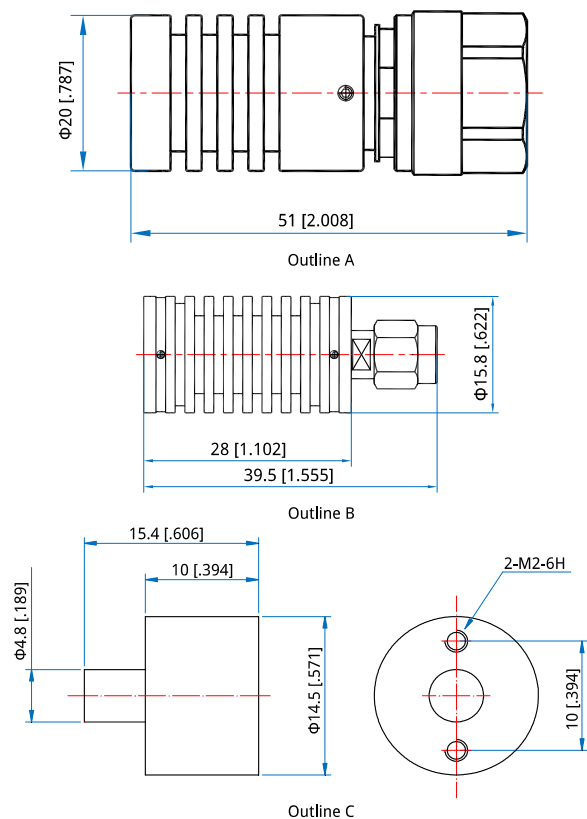
PF - SMP female

Examples:

To order a termination, DC-12.4GHz, N male, specify QCT1810-12.4-N.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±1.6mm [±0.06in]