

QCT11001

DC~110GHz, 1W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~110GHz
 Average Power¹: 1W@25°C max.
 VSWR: 1.6 max.
 Impedance: 50Ω
 Peak Power: 5W (5μS pulse width, 1% duty cycle)

[1] Derated linearly to 0.1W@125°C.

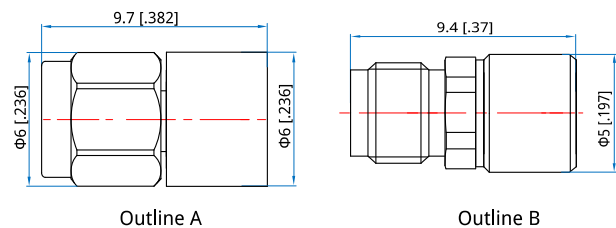
Mechanical

Connector: 1.0mm
 Weight: 5g
 Outer Conductor: Stainless Steel Passivation
 Dielectric: PEI
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated beryllium copper

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±2mm [±0.08in]

How To Order

QCT11001-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

1 - 1.0mm male (Outline A)

1F - 1.0mm female (Outline B)

Examples:

To order a termination, DC~110GHz, 1.0mm male, specify QCT11001-110-1.

Customization is available upon request.