

QCT5005

DC~50GHz, 5W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~50GHz
 Average Power¹: 5W@25°C max.
 Impedance: 50Ω
 VSWR: 1.3 max.
 Peak Power: 20W (5μS pulse width, 2.5% duty cycle)

[1] Derated linearly to 0.5W@125°C.

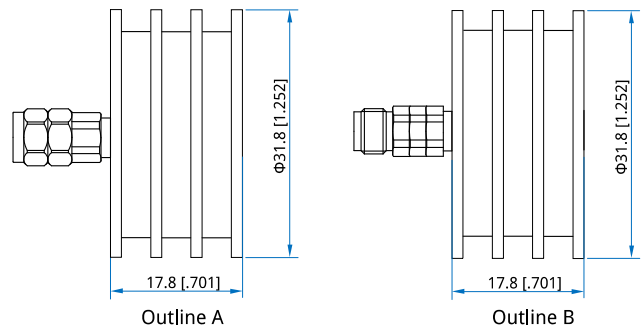
Mechanical

Connector: 2.4mm
 Housing: Aluminum
 Outer Conductor: Stainless steel
 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: ±0.5mm [±0.02in]

How To Order

QCT5005-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

2 - 2.4mm male (Outline A)

2F - 2.4mm female (Outline B)

Examples:

To order a termination, DC~50GHz, 2.4mm male, specify QCT5005-50-2.

Customization is available upon request.