

NCT4010

DC~40GHz, 10W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~40GHz
 Average Power^{†1}: 10W@25°C max.
 VSWR: 1.35 max.
 Impedance: 50Ω

[1] Derated linearly to 0.5W@120°C.

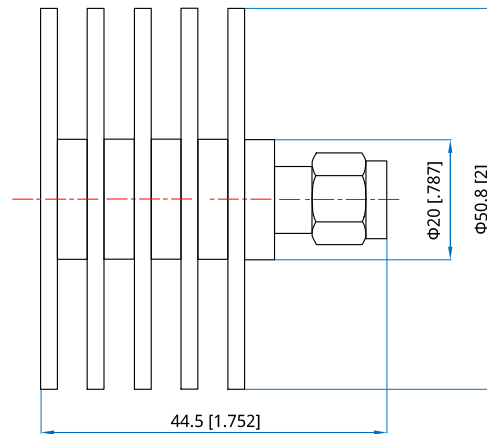
Mechanical

Connector: 2.92mm
 Size: $\Phi 50.8 \times 44.5$ mm
 $\Phi 2 \times 1.752$ in
 Weight: 85g
 Housing: Aluminum
 Outer Conductor: Gold plated brass or stainless steel
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated beryllium copper

Environmental

Temperature: -55~+125°C

Outline Drawings



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

How To Order

NCT4010-X-Y
 X: Frequency in GHz
 Y: Connector type

Connector naming rules:
 K - 2.92mm male
 KF - 2.92mm female

Examples:
 To order a termination, DC-40GHz, 2.92 male, specify NCT4010-40-K.

Customization is available upon request.