

NCT4050

DC~40GHz, 50W

Features:
 * Low VSWR
 * Broadband

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



Electrical

Frequency Range: DC~40GHz
 Average Power*1: 50W@25°C max.
 VSWR: 1.35 max.
 Impedance: 50Ω

[1] Derated linearly to 2.5W@120°C.

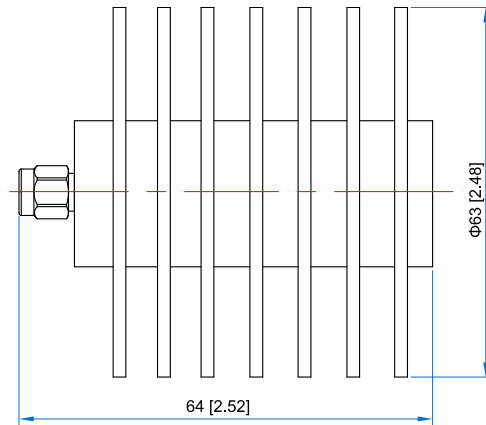
Mechanical

Connector: 2.92mm
 Size: Φ63*64mm
 Φ2.48*2.52in
 Weight: 168g
 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: ±0.5mm [±0.02in]

How To Order

NCT4050-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 NCT4050-40-K.

Customization is available upon request.