

NCT4005

DC~40GHz, 5W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~40GHz
 Average Power¹: 5W@25°C max.
 VSWR: 1.35 max.
 Impedance: 50Ω

[1] Derated linearly to 0.25W@120°C.

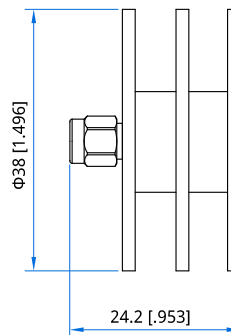
Mechanical

Connector: 2.92mm
 Weight: 30g
 Housing: Aluminum
 Outer Conductor: Gold plated brass or stainless steel
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated beryllium copper

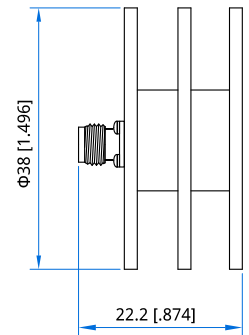
Environmental

Temperature: -55~+85°C

Outline Drawings



Outline A



Outline B

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

How To Order

NCT4005-X-Y
 X: Frequency in GHz
 Y: Connector type

Connector naming rules:
 K - 2.92mm male (Outline A)
 KF - 2.92mm female (Outline B)

Examples:
 To order a termination, DC-40GHz, 2.92mm male, specify NCT4005-40-K.

Customization is available upon request.

