

NCT4002

DC~40GHz, 2W



Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~40GHz
 Average Power⁺¹: 2W
 Impedance: 50Ω
 VSWR: 1.35 max.

[1] Derated linearly to 0.1W@120°C.

Mechanical

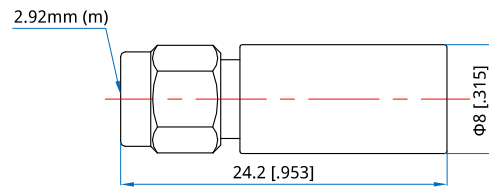
Size⁺²: Φ8*24.2mm
 Φ0.315*0.953in
 Size⁺³: Φ8*22.2mm
 Φ0.315*0.874in
 Weight: 5g
 Connectors: 2.92mm
 Housing: Aluminum
 Outer Conductor: Gold Plated Brass or Stainless Steel
 Male Inner Conductor: Gold Plated Brass
 Female Inner Conductor: Gold Plated Beryllium Copper

[2] 2.92mm male.
 [3] 2.92mm female.

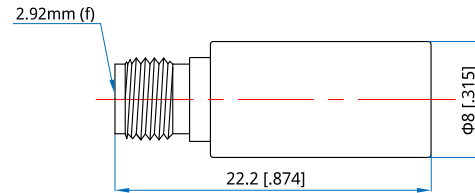
Environmental

Temperature: -55~+125°C

Outline Drawings



Outline A



Outline B

Unit: mm [in]
 Tolerance: ±0.2mm [±0.008in]

How To Order

NCT4002-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 NCT4002-40-K.

Customization is available upon request.