

Q7T0301

DC~3GHz, 1W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~3GHz
 Average Power^{*1}: 1W@25°C
 Peak Power^{*2}: 0.5KW
 Impedance: 75Ω

[1] Derated linearly to 0.2W@125°C.
 [2] Pulse width: 5us, duty cycle: 0.2%.

VSWR

Frequency (GHz)	VSWR (max.)
DC~1	1.1
DC~2	1.15
DC~3	1.2

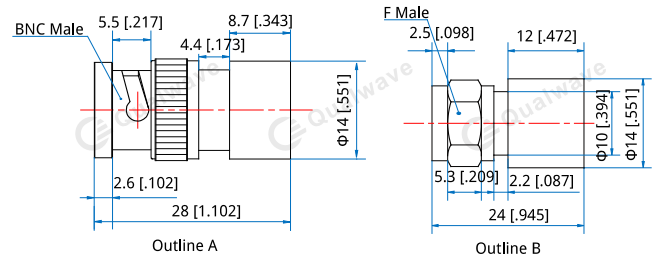
Mechanical

Connector: F male, BNC male
 Housing: Aluminum
 Outer Conductor: Nickel plated brass
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated beryllium copper

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±5%

How To Order

Q7T0301-X-Y

X: Frequency in GHz
 Y: Connector type

Connector naming rules:

F - F male(Outline B)
 B - BNC male(Outline A)

Examples:

To order a termination, DC-3GHz, F male, specify Q7T0301-3-F.

Customization is available upon request.