

# F7T0301

## DC~3GHz, 1W

Features:  
 \* Low VSWR  
 \* Broadband

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

### Electrical

Frequency Range: DC~3GHz  
 Average Power<sup>\*1</sup>: 1W@25°C  
 Peak Power<sup>\*2</sup>: 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

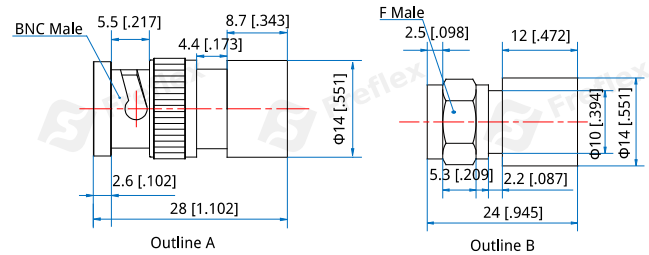
### Mechanical

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

**F7T0301-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 F7T0301-3-F.

Customization is available upon request.