

## QCT4030

### DC~40GHz, 30W

Features:  
 \* Low VSWR  
 \* Broadband

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

#### Electrical

Frequency Range: DC~40GHz  
 Average Power\*<sup>1</sup>: 30W@25°C max.  
 VSWR: 1.3 max.  
 Impedance: 50Ω  
 Peak Power: 200W (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 3W@125°C.

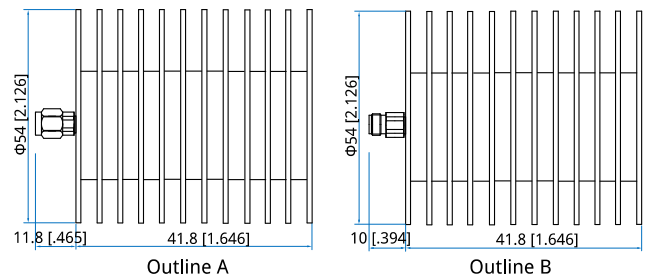
#### Mechanical

Connector: 2.92mm  
 Housing: Aluminum  
 Dielectric: PEI  
 Outer Conductor: 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

**QCT4030-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, 2.92 male, specify QCT4030-40-K.

Customization is available upon request.