

QCT40K1

DC~40GHz, 100W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~40GHz
 Average Power^{*1}: 100W@25°C max.
 VSWR: 1.4 max.
 Impedance: 50Ω
 Peak Power: 200W (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 10W@125°C.

Mechanical

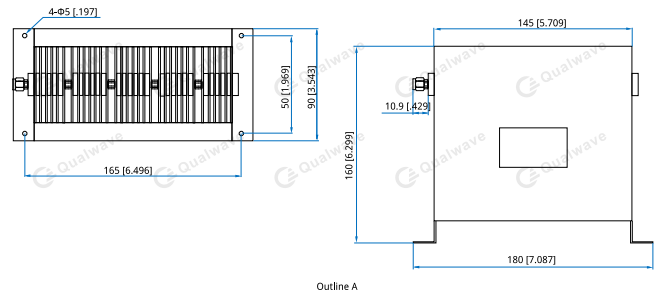
RF Connectors: 2.92mm
 Connector Housing: Passivated stainless steel
 Heat Sinks Housing: Aluminum black anodize
 Dielectric: PEI
 Male Inner Conductor: Gold plated brass

[1] Exclude connectors.

Environmental

Temperature: -55~+125°C

Outline Drawings



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

How To Order

QCT40K1-X-Y

X: Frequency in GHz
 Y: Connector type

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

Examples:
 To order a termination, DC~40GHz, 2.92 male, specify QCT40K1-40-K.

Customization is available upon request.