

QWI-75000-110000-1

W-band, 75~110GHz, 1W

Features:
 * Broadband
 * High Isolation
 * Low Insertion Loss

Applications:
 * Wireless
 * Radar
 * Laboratory Test

Electrical

Frequency: 75~110GHz
 Insertion Loss: 2dB max.
 Isolation: 18dB min.
 VSWR: 1.5 typ.
 Power: 1W CW max.

Absolute Maximum Ratings*1

RF Input Power: +30dBm

[1] Permanent damage may occur if any of these limits are exceeded.

Mechanical*2

Interface*3: WR-10 (BJ900)
 Flange: UG-387/UM anti-cocking
 Material: Copper
 Finish: Gold-plating
 Weight: 65g

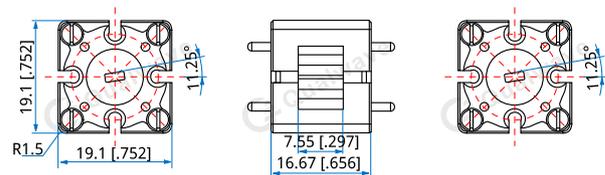
[2] The isolator is magnetic sensitive device, keep it 2inch away from the strong magnetic fields.

[3] The input and output waveguides have some slanted direction, but it doesn't effect the performance, and it can be connected to the standard waveguide directly.

Environmental

Operating Temperature: -40~+85°C
 Non-operating Temperature: -55~+105°C

Outline Drawings



Unit: mm [inch]

Tolerance: ±0.3mm [±0.012in]

How To Order

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Customization is available upon request.