

QBM-14000-50000

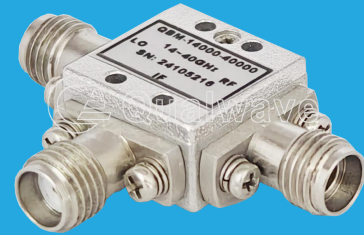
14~50GHz

Features:

- * Low Conversion Loss
- * High Isolation

Applications:

- * Wireless
- * Transceiver
- * Laboratory Test
- * Broadcast



Electrical

| | |
|---------------------|-------------|
| RF Frequency: | 14~50GHz |
| LO Frequency: | 14~50GHz |
| LO Input Power: | +10dBm typ. |
| IF Frequency: | DC~22GHz |
| Conversion Loss: | 11dB typ. |
| Isolation (LO, RF): | 30dB typ. |
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| Isolation (RF, IF): | 30dB typ. |
| VSWR: | 2 typ. |

Absolute Maximum Ratings

| | |
|----------------|--------|
| Input Power: | +30dBm |
| IF DC Current: | 30mA |

Mechanical

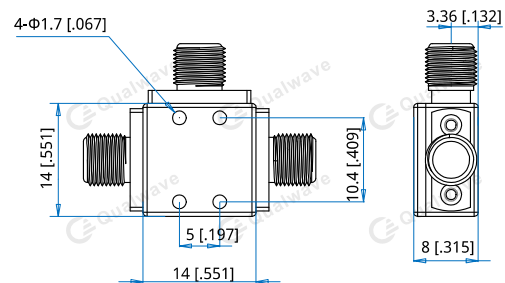
| | |
|-------------------|-----------------------|
| Size*1: | 14*14*8mm |
| | 0.551*0.551*0.315in |
| IF Connectors: | SMA Female |
| RF/LO Connectors: | 2.4mm Female |
| Mounting: | 4*Φ1.7mm through-hole |

[1] Exclude connectors.

Environmental

| | |
|----------------------------|------------|
| Operating Temperature: | -45~+85°C |
| Non-operating Temperature: | -55~+100°C |

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QBM-14000-50000

Customization is available upon request.