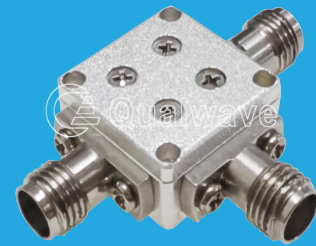


QBM-10000-40000

10~40GHz

Features:
 * Low Conversion Loss
 * High Isolation

Applications:
 * Wireless
 * Transceiver
 * Laboratory Test
 * Broadcast



Electrical

RF/LO Frequency:	10~40GHz
LO Input Power:	15dBm typ.
IF Frequency:	DC~14GHz
Conversion Loss:	10dB typ.
Isolation (LO, RF):	40dB typ.
Isolation (LO, IF):	30dB typ.
Isolation (RF, IF):	30dB typ.
VSWR:	2 typ.

Absolute Maximum Ratings

Input Power: +30dBm

Mechanical

Size ^{*1} :	16*16*8mm 0.63*0.63*0.315in
RF/LO Connectors:	2.92mm Female
IF Connectors:	SMA Female
Mounting:	4*Φ2.2mm through-hole

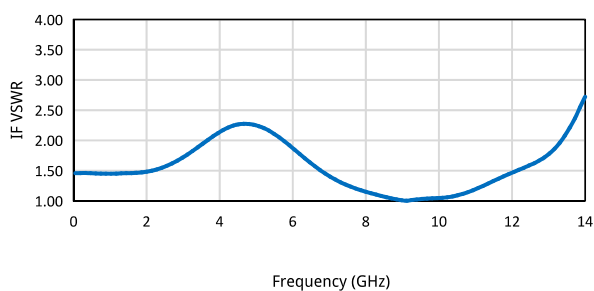
[1] Exclude connectors.

Environmental

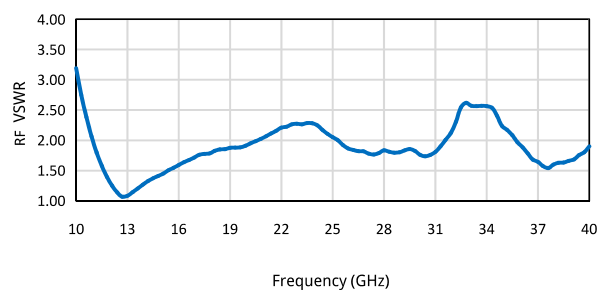
Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+100°C

Typical Performance Curves

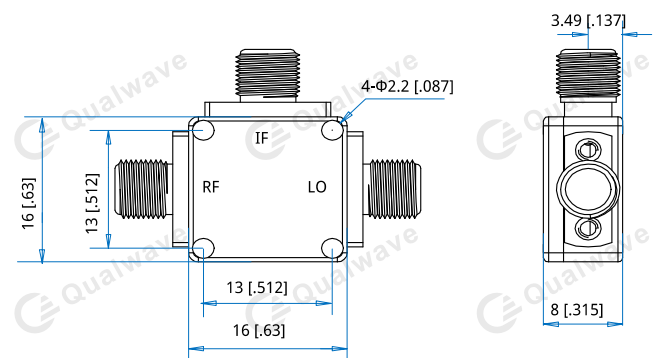
IF VSWR vs. Frequency



RF VSWR vs. Frequency



Outline Drawings



Unit: mm [in]

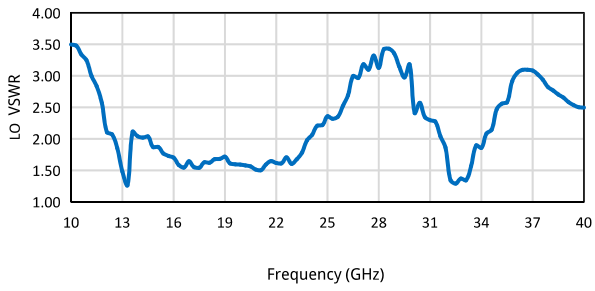
Tolerance: ±0.2mm [±0.008in]

How To Order

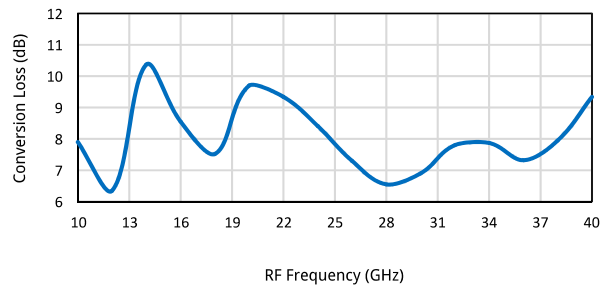
QBM-10000-40000

Customization is available upon request.

LO VSWR vs. Frequency



Downconversion Loss vs. Frequency



Isolation vs. Frequency

