

QBM-10-2000

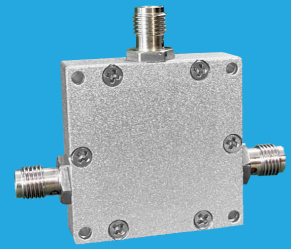
10~2000MHz

Features:

- * Low Conversion Loss
- * High Isolation

Applications:

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



Electrical

LO/RF Frequency:	10~2000MHz
LO Input Power:	7dBm typ.
IF Frequency:	10~1000MHz
Conversion Loss:	8dB typ.
LO & RF Isolation:	30dB typ.
LO & IF Isolation:	30dB typ.

Absolute Maximum Ratings

RF Input Power:	+17dBm
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Mechanical

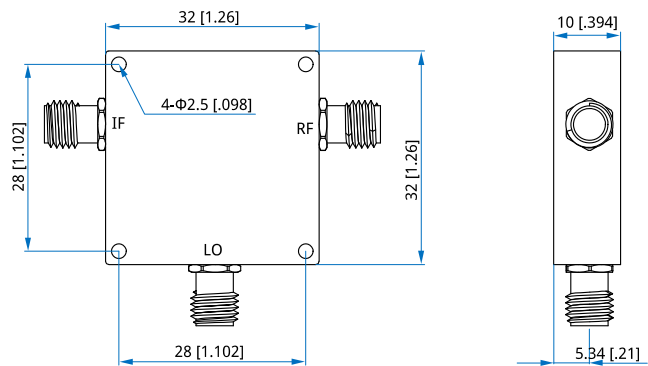
Size*1:	32*32*10mm 1.26*1.26*0.394in
Connectors:	SMA Female

[1] Exclude connectors.

Environmental

Operating Temperature:	-20~+70°C
Non-operating Temperature:	-40~+85°C

Outline Drawings



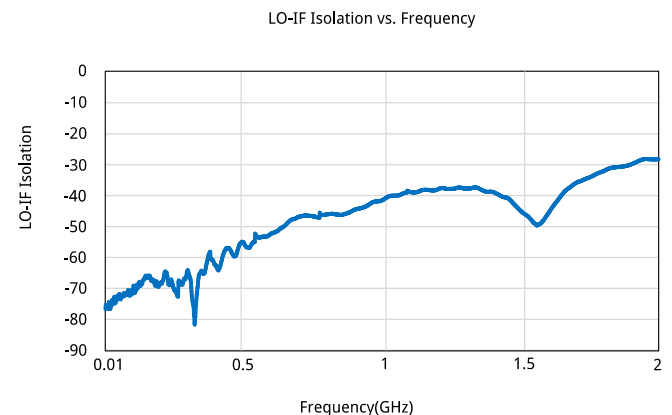
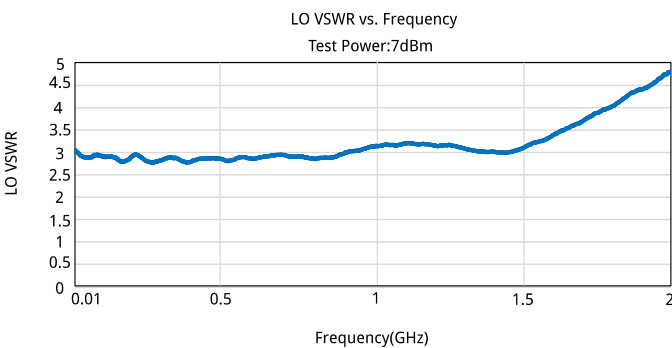
Unit: mm [in]
Tolerance: ±0.2mm [±0.008in]

How To Order

QBM-10-2000

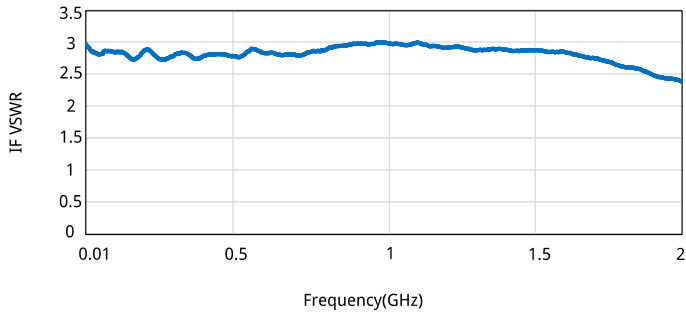
Customization is available upon request.

Typical Performance Curves

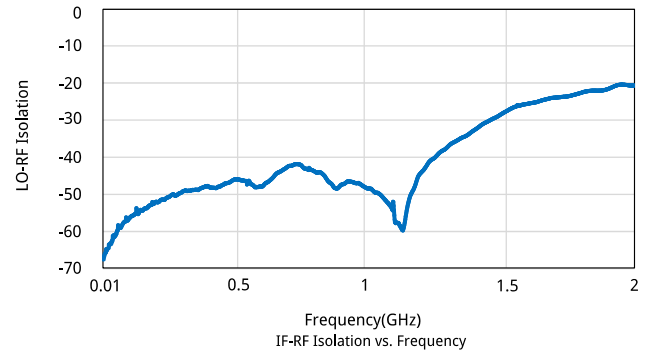


Balanced Mixers

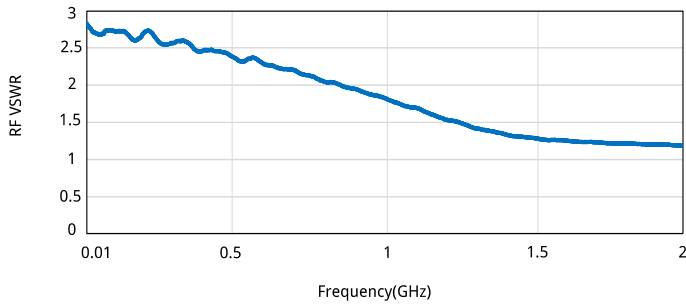
IF VSWR vs. Frequency



LO-RF Isolation vs. Frequency



RF VSWR vs. Frequency



IF-RF Isolation vs. Frequency

