

QBM-1-6000

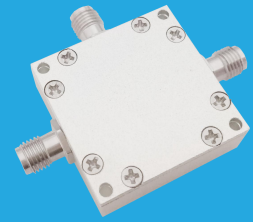
1~6000MHz

Features:

- * Low Conversion Loss
- * High Isolation

Applications:

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



Electrical

LO/RF Frequency:	1~6000MHz
LO Input Power:	+10dBm typ.
IF Frequency:	DC~1000MHz
Conversion Loss:	8dB typ.
LO & RF Isolation:	35dB typ.
LO & IF Isolation:	25dB typ.
IF & RF Isolation:	20dB typ.

Absolute Maximum Ratings

RF Input Power:	+17dBm
IF Current:	40mA

Mechanical

Size*1:	30*30*10mm 1.181*1.181*0.394in
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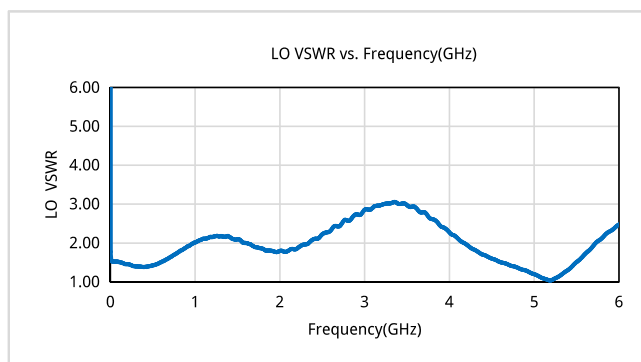
Connectors: SMA Female

[1] Exclude connectors.

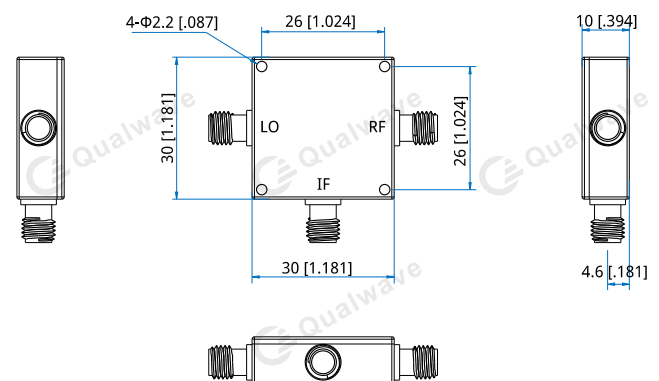
Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+100°C

Typical Performance Curves



Outline Drawings



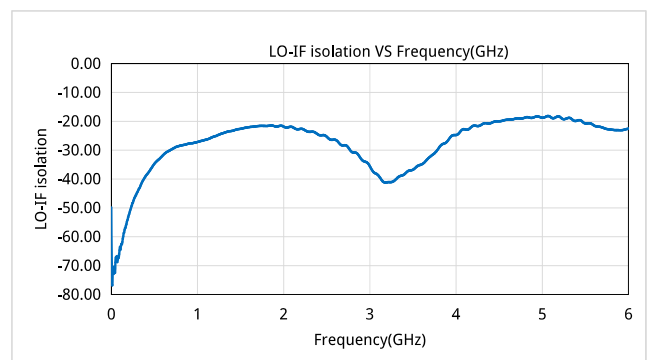
Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

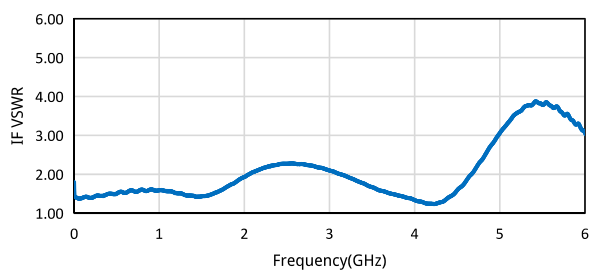
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Customization is available upon request.

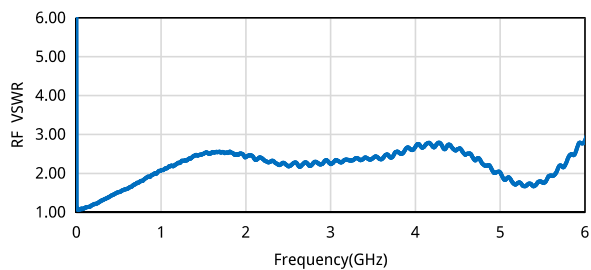


Balanced Mixers

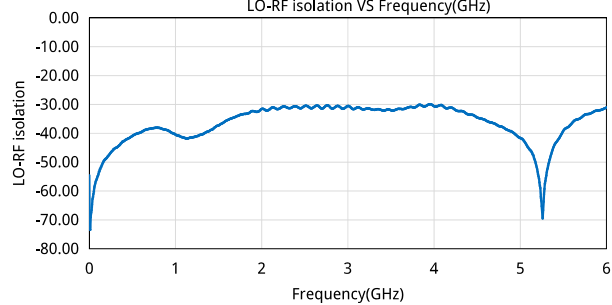
IF VSWR vs. Frequency(GHz)



RF VSWR vs. Frequency(GHz)



LO-RF isolation VS Frequency(GHz)



IF-RF isolation VS Frequency(GHz)

