

## QBM-6435-6935

6.435~6.935GHz

### Features:

- \* Low Conversion Loss
- \* High Isolation

### Applications:

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

### Electrical

RF Frequency:	6.435~6.935GHz
LO Frequency:	4.435GHz
LO Power:	+13dBm
IF Frequency:	2~2.5GHz
Conversion Loss:	8dB typ.
Noise Figure:	8dB typ.
VSWR:	1.8 typ.
Isolation (LO, RF):	30dB typ.
Isolation (LO, IF):	25dB typ.
Isolation (RF, IF):	20dB typ.
Third Order Intermodulation (Input):	20dBm typ.
P1dB:	7dBm typ.

### Mechanical

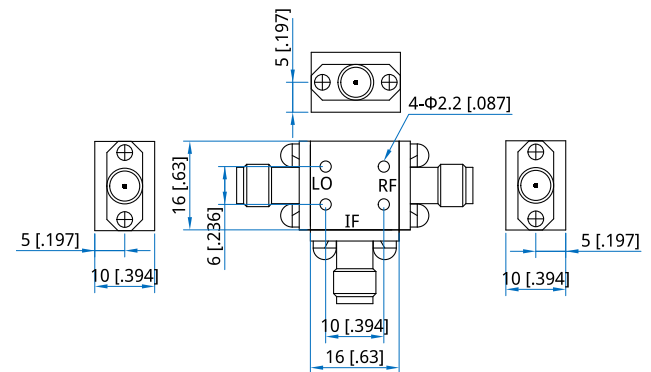
Size <sup>*1</sup> :	16*16*10mm 0.630*0.630*0.394in
Weight:	100g typ.
Connectors:	SMA Female
Mounting:	4*Φ2.2mm through-hole

[1] Exclude connectors.

### Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+80°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QBM-6435-6935**

Customization is available upon request.