

## Balanced Mixers

### FPBM-33000-37000

33~37GHz

**Features:**

- Low Conversion Loss
- High Isolation

**Applications:**

- Wireless
- Transceiver
- Laboratory Test
- Broadcast

#### Electrical

<b>LO/RF Frequency</b>	33~37GHz
<b>LO Input Power</b>	13dBm typ.
<b>IF Frequency</b>	DC~2GHz
<b>Conversion Loss</b>	9dB typ.
<b>1dB Compression Input Point</b>	+11dBm
<b>LO &amp; RF Isolation</b>	41dB typ.
<b>LO &amp; IF Isolation</b>	32dB typ.
<b>IF &amp; RF Isolation</b>	17dB typ.

#### Mechanical

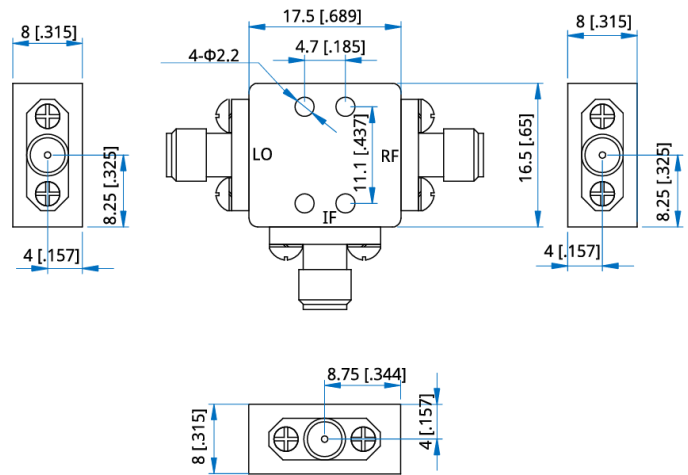
<b>Size<sup>[1]</sup></b>	17.5*16.5*8mm 0.689*0.65*0.315in
<b>IF Connectors</b>	SMA Female
<b>RF/LO Connectors</b>	2.92mm Female
<b>Mounting</b>	4*Φ2.2mm through-hole

[1] Exclude connectors.

#### Environmental

<b>Operating Temperature</b>	-40 ~ +85°C
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#### Construction



**Note(s)**

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]