

## Balanced Mixers

### FPBM-25000-27500

25~27.5GHz

**Features:**

- Low Conversion Loss
- High Isolation

**Applications:**

- Wireless
- Transceiver
- Laboratory Test
- Broadcast

#### Electrical

<b>RF Frequency</b>	25~27.5GHz
<b>LO Frequency</b>	23~24.5GHz
<b>LO Input Power</b>	+13dBm typ.
<b>IF Frequency</b>	1~4GHz
<b>Conversion Loss</b>	12dB typ.
<b>RF/IF Input Power</b>	+10dBm min. (@ 1dB compression)
<b>LO &amp; RF Isolation</b>	30dB typ.
<b>LO &amp; IF Isolation</b>	25dB typ.
<b>IF &amp; RF Isolation</b>	20dB typ.

#### Mechanical

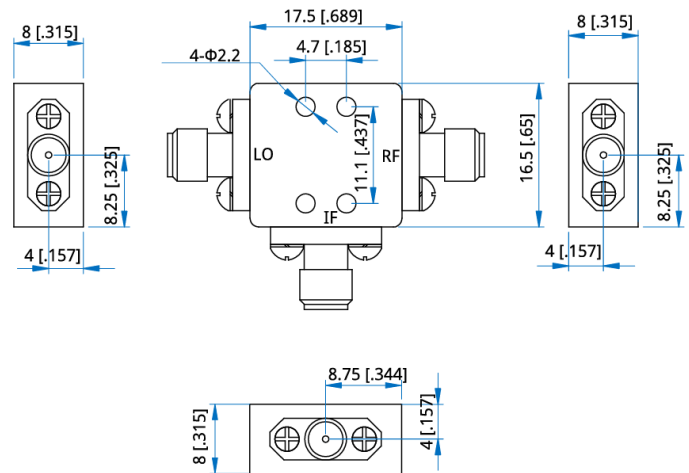
<b>Size<sup>[1]</sup></b>	17.5*16.5*8mm 0.689*0.65*0.315in
<b>IF Connectors</b>	SMA Female
<b>RF/LO Connectors</b>	2.92mm Female
<b>Mounting</b>	4*Φ2.2mm through-hole

[1] Exclude connectors.

#### Environmental

**Operating Temperature** 0 ~ +50°C

#### Construction



**Note(s)**

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]