

## Balanced Mixers

### FPBM-20000-50000

20~50GHz

**Features:**

- Low Conversion Loss
- High Isolation

**Applications:**

- Wireless
- Transceiver
- Laboratory Test
- Broadcast

#### Electrical

<b>LO/RF Frequency</b>	20~50GHz
<b>RF Input Power</b>	10dBm max.
<b>LO Input Power</b>	15dBm max.
<b>IF Frequency</b>	DC~16GHz
<b>Conversion Loss</b>	13dB max.
<b>LO &amp; RF Isolation</b>	20dB min.
<b>LO Power</b>	13dBm max.
<b>RF Input VSWR</b>	3.5 max.
<b>IF Input VSWR</b>	2 max.
<b>Voltage</b>	+5V

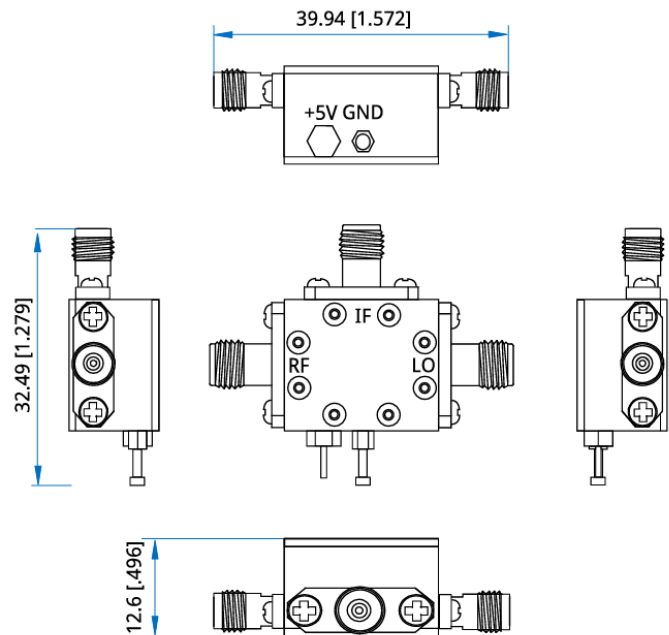
#### Mechanical

<b>Size</b>	39.94*32.49*12.6mm 1.572*1.279*0.496in
<b>RF Connectors</b>	2.4mm Female
<b>IF Connectors</b>	2.92mm Female
<b>LO Connectors</b>	2.4mm Female

#### Environmental

<b>Operating Temperature</b>	+10 ~ 40°C
------------------------------	------------

#### Construction



**Note(s)**

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]