### Electrical Specifications:

- **Frequency Range: LO**: 0.001-5.0 GHz
- **Frequency Range: RF**: 0.001-5.0 GHz
- **Frequency Range: IF**: DC-1.0 GHz
- **LO Power Level**: +10 to +13 dBm Typ
- **Conversion Loss**: 8.0 / 12.0 dB Typ / Max
- **Isolation: LO-IF**: 20 dB Min
- **Isolation: LO-RF**: 25 dB Min
- **Isolation: RF-IF**: 20 dB Min
- **Input 1 dB Compression**: +5 dBm Typ
- **Input Two-Tone Third Order Intercept Point**: +15 dBm Typ
- **Operating Temp.**: -55 to +80°C
- **Weight**: 20 grams Typ
- **Operating Humidity**: Up to 95% non-condensing

### Dimensions

- **Dimensions are in inches and (mm)**
- **Decimal Tolerance:**
  - 2 place + 0.020
  - 3 place + 0.010
- **CAGE CODE**: 69UC1

### Notes

- All dimensions are typical unless they are specified.
- Specifications are subject to change at any time without any notice.
- Copy or distribution of this drawing in not allowed without Sigatek's approval.

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**SigaTek**

**BM5110**

**Double-Balance Mixer**

423 Black Oak Ridge Rd.
Wayne, NJ 07470
Ph: 973-706-8475, Fax: 973-832-4435
www.sigatek.com