



### Electrical:

|   |                          |       |           |
|---|--------------------------|-------|-----------|
| 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 |       |           |

### Specifications:

**SigaTek**

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**BM5110**

**Double-Balance Mixer**

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.  
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