**Electrical Specifications:**

- **Frequency Range: LO**
  - 10-11 MHz
- **Frequency Range: RF**
  - 10-11 MHz
- **Frequency Range: IF**
  - DC-5 MHz
- **LO Power Level:**
  - +10 to +13 dBm Typ
- **Conversion Loss:**
  - 7.5 / 8.5 dB Typ / Max
- **Amplitude Balance I - Q:**
  - 0.4 dB Max
- **Phase Balance I - Q:**
  - 2 Degrees Max
- **Isolation: LO-IF**
  - 35 dB Min
- **Isolation: LO-RF**
  - 45 dB Min
- **Isolation: RF-I, RF-Q**
  - 25 dB Min
- **Input 1 dB Compression:**
  - +5 dBm Typ
- **Phase at Q-port is +90 deg. relative to I-port when frequency RF > LO**
- **Input Two-Tone Third Order Intercept Point:**
  - +15 dBm Typ
- **Operating Temp.:**
  - -55 to +80°C
- **Weight:**
  - 64 grams Typ
- **Operating Humidity:**
  - Up to 90% non-condensing

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**SigaTek**

**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 is not allowed without Sigatek’s approval.