



## 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 |
| Side Band Rejection:  | 30                       | dBc   | Min       |
| Carrier Rejection:  | 30                       | dBc   | Min       |
| Input 1 dB Compression:   | +5                       | dBm   | Typ       |
| Low side is Rejected when Q-port is +90 degree relative to I-port |                          |       |           |
| 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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## QM10A10

## I, Q Side Band Modulator SMA Connectors

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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