



**Electrical:**

Frequency Range: LO	4.0–18.0	Ghz	
Frequency Range: RF	4.0–18.0	Ghz	
Frequency Range: IF	DC-2.0	Ghz	
LO Power Level:	+10 to +13	dBm	Typ
Conversion Loss:	7.0	dB	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:	15	grams	Typ
Operating Humidity:	Up to 95% non-condensing		

**Specifications:**

**SigaTek**

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**SM1110**

**Double-Balance Mixer  
4.0-18.0 Ghz**

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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