

**FEATURES :**

- *RF/LO frequencies 2.3 to 2.4GHz*
- *IF Frequency 0.7 to 7MHz*
- *LO power +12dBm*

**SPECIFICATIONS @+12dBm LO, +25°C**

RF Frequency Range, [GHz]	2.3 to 2.4
LO Frequency Range, [GHz]	2.3 to 2.4
IF Frequency range, [MHz]	0.7 to 7
Conversion Loss, typ/max [dB]	5.5 / 6.5
Sideband Suppression, typ/min [dB]	25 / 22
VSWR RF port, max	2.0 : 1
LO port, max	1.5 : 1
IF Port, max	1.2 : 1
Isolation LO - RF, typ [dB]	35
LO - IF, min [dB]	40
IF - RF, min [dB]	70
LO Power typ. [dBm]	12±1
Input 1dB C.P. typ [dBm]	+5
Input IP <sup>3</sup> typ [dBm]	+12

**Operating Characteristics**

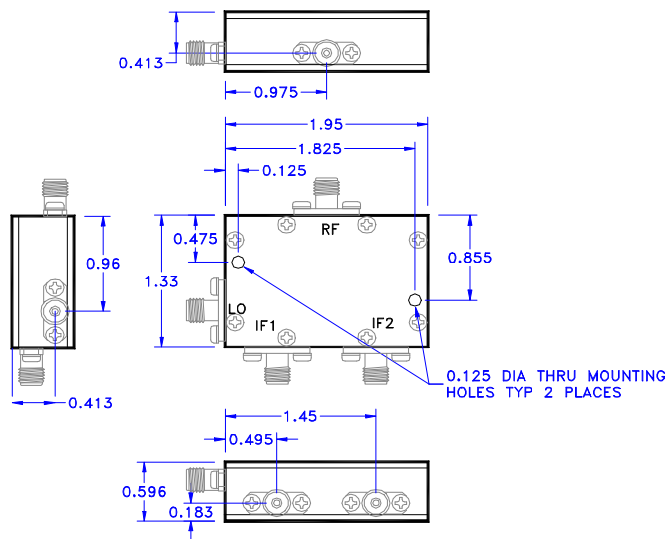
Maximum RF Input Power, [dBm]	20
Maximum LO Power, [dBm]	20
Impedance, [Ohm]	50
Operating Temperature	-20°C to +60°C

**Ordering Information**

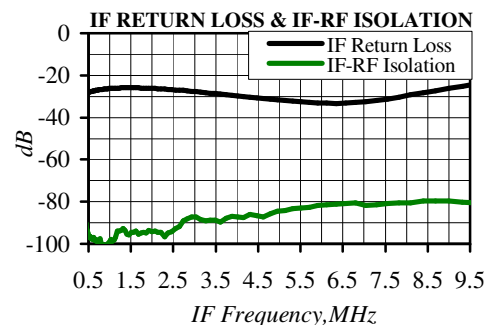
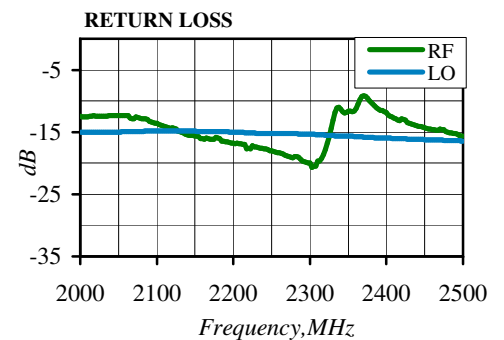
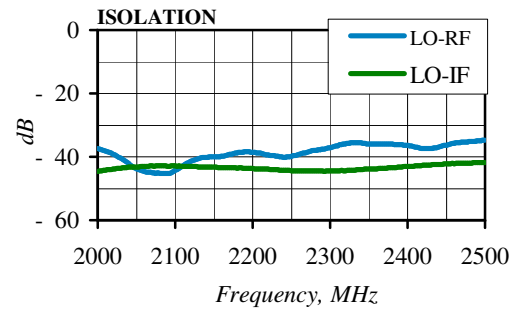
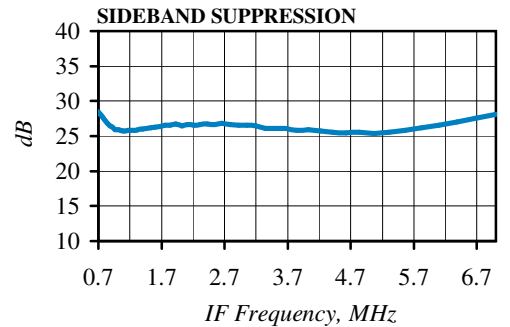
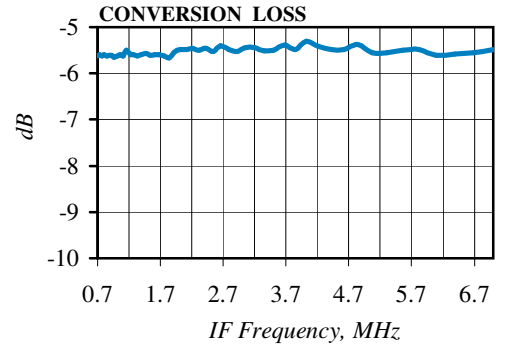
Model No.	Connectors	Package
SSB2300-2400-07-7	SMA-F	M1

**Outline drawing**

dimensions in inches



**Typical Performance**



Specifications Subject To Change Without Notice

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