

**FEATURES :**

- RF/LO frequencies 80 to 120MHz
- IF Frequency 0.01 to 1MHz
- LO power +13dBm

**SPECIFICATIONS @+13dBm LO, +25°C**

RF Frequency Range, [MHz]	80 to 120
LO Frequency Range, [MHz]	80 to 120
IF Frequency range, [MHz]	0.01 to 1
Conversion Loss, typ/max [dB]	6.5 / 7.0
Sideband Suppression, typ/min [dB]	30 / 25
VSWR RF port, max	1.5 : 1
LO port, max	1.2 : 1
IF Port, max	1.2 : 1
Isolation LO - RF, min [dB]	55
LO - IF, min [dB]	70
IF - RF, min [dB]	70
LO Power typ. [dBm]	13±1
Input 1dB C.P. typ [dBm]	+7
Input IP <sup>3</sup> typ [dBm]	+16

**Operating Characteristics**

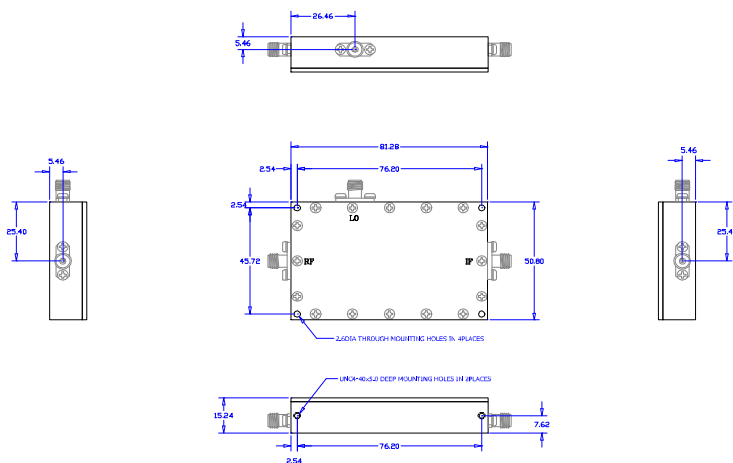
Maximum RF Input Power, [dBm]	20
Maximum LO Power, [dBm]	20
Impedance, [Ohm]	50
Operating Temperature	-20°C to +60°C

**Ordering Information**

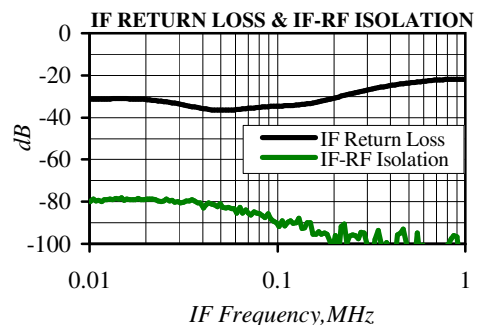
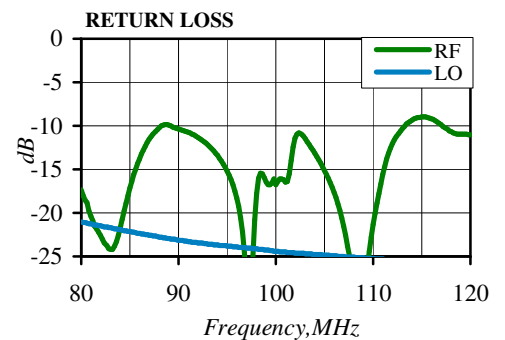
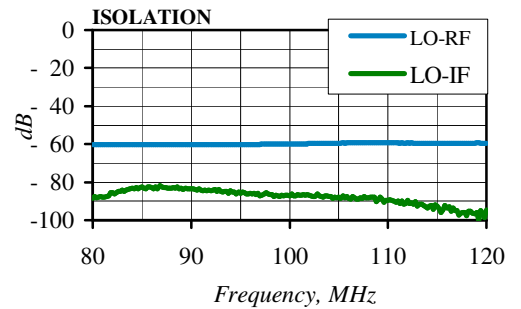
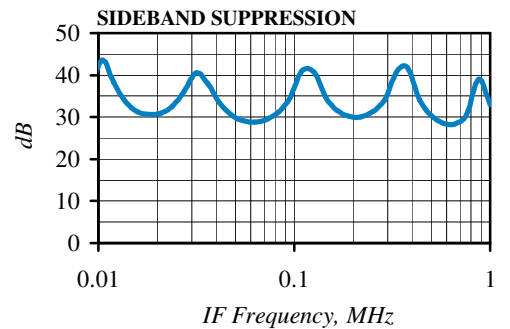
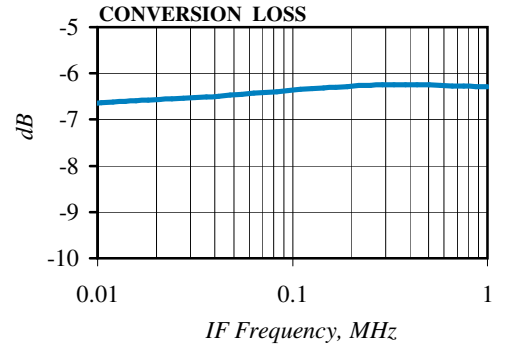
Model No.	Connectors	Package
SSB80-120-001-1	SMA-F	M2

**Outline drawing**

dimensions in mm



**Typical Performance**



Specifications Subject To Change Without Notice

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