

**FEATURES :**

- **RF frequency 5 to 750MHz**
- **IF Frequency 65 to 75MHz**
- **Dual IF, for LSB and USB modulation**
- **LO power +13dBm**

**SPECIFICATIONS @+13dBm LO, +25°C**

RF Frequency Range, [MHz]	5 to 750
LO Frequency Range, [MHz]	75 to 680
IF Frequency range, [MHz]	65 to 75
Conversion Loss, typ/max [dB]	6.5 / 7.5
Sideband Suppression, typ/min [dB]	30 / 25
VSWR RF port, max	2.0 : 1
LO port, max	1.5 : 1
IF Port, max	1.2 : 1
Isolation LO - RF, min [dB]	35
LO - IF, min [dB]	40
IF - RF, min [dB]	35
LO Power typ. [dBm]	13±1
Input 1dB C.P. typ [dBm]	+7
Input IP <sup>3</sup> typ [dBm]	+16

**Operating Characteristics**

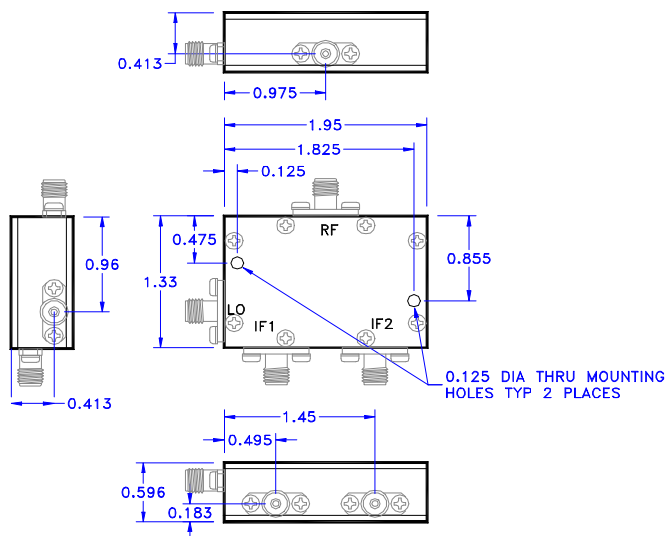
Maximum RF Input Power, [dBm]	20
Maximum LO Power, [dBm]	20
Impedance, [Ohm]	50
Operating Temperature	-20°C to +60°C

**Ordering Information**

Model No.	Connectors	Package
SSB5-750-65-75	SMA-F	M1

**Outline drawing**

dimensions in inches



Specifications Subject To Change Without Notice

Rev. A 12.01.2023



**Typical Performance**

