

FEATURES :

- **Low Loss**
- **Dual IF output, USB and LSB**
- **High Image Rejection**

SPECIFICATIONS

RF Frequency Range, [MHz]	1200 to 1600
LO Frequency Range, [MHz]	1200 to 1600
IF Frequency Range, [MHz]	37 to 88
Conversion Loss, typ/max [dB]	7.5 / 8.5
Image Rejection, typ/min [dB]	35 / 30
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]	60
RF - IF, min [dB]	60
LO Power typ. [dBm]	13±1
Input 1dB C.P. min [dBm]	+9
Input IP ³ min [dBm]	+17

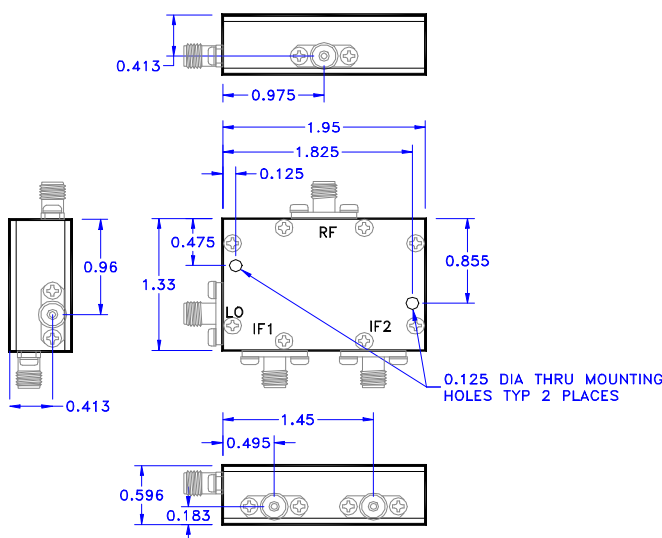
Operating Characteristics

Maximum RF Input Power, [dBm]	20
Maximum LO Power, [dBm]	23
Impedance, [Ohm]	50
Operating Temperature	-20°C to +60°C

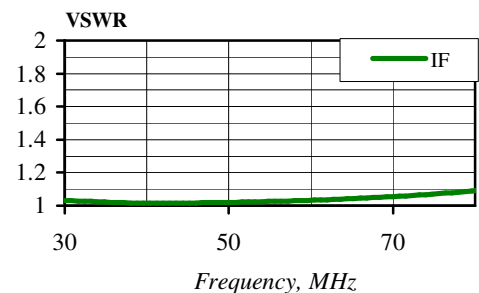
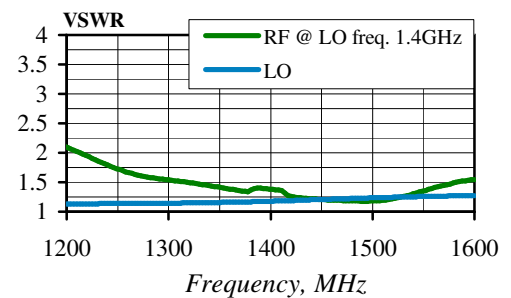
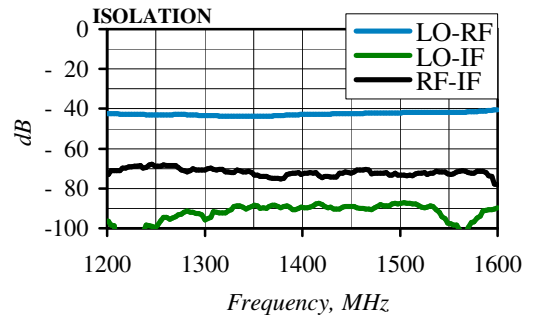
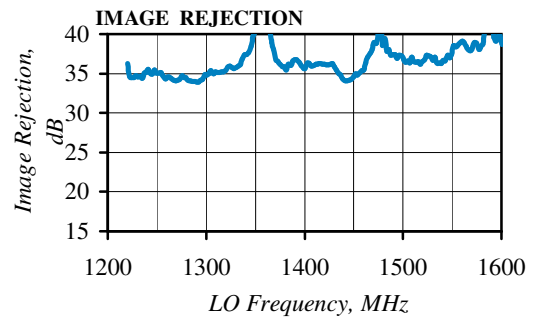
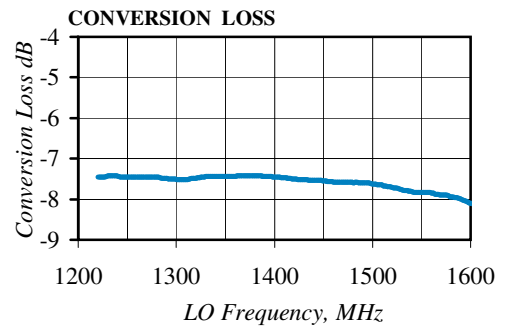
Ordering Information

Model No.	Package
IRM1200-1600	M1

Outline drawing dimensions in inches



Typical Performance



Specifications Subject To Change Without Notice

Rev. A 6.1.2023

All parameters measured at IF Frequency 60 MHz and LO power +13dBm @ +25°C