

FEATURES :

- **Ultra-Wide Bandwidth**
- **Dual IF output, USB and LSB**
- **High Image Rejection**

SPECIFICATIONS

RF Frequency Range, [MHz]	5 to 750
LO Frequency Range, [MHz]	70 to 680
IF Frequency Range, [MHz]	65 to 75
Conversion Loss, max [dB]	7.0
Image Rejection, min / typ [dB]	25 / 28
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]	35
RF - IF, min [dB]	35
LO Power typ. [dBm]	13±1
Input 1dB C.P. min [dBm]	+5
Input IP ³ min [dBm]	+15

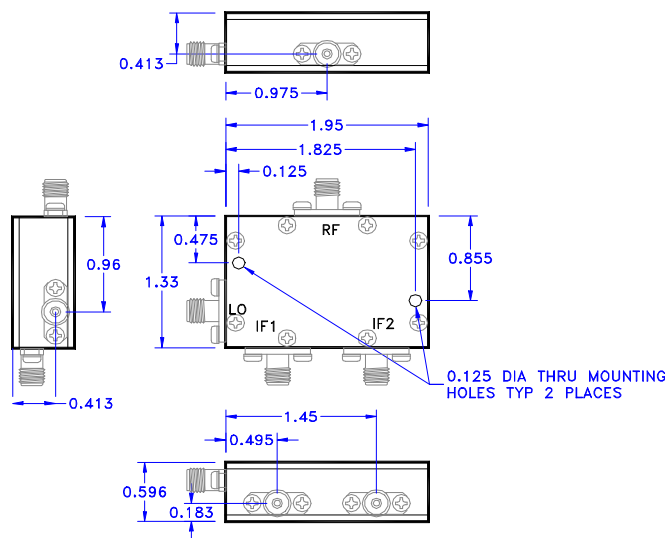
Operating Characteristics

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

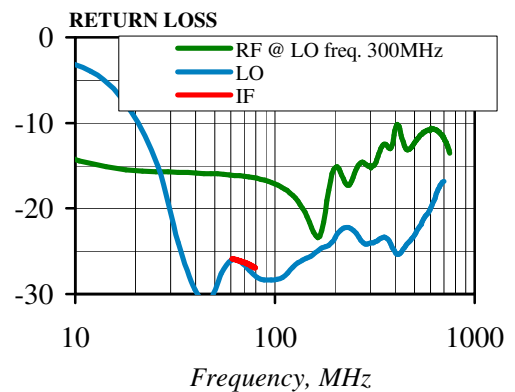
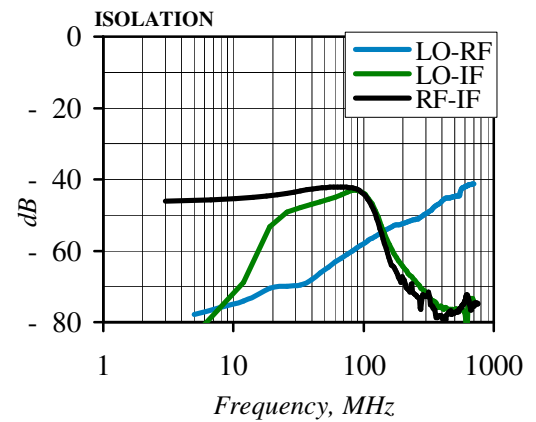
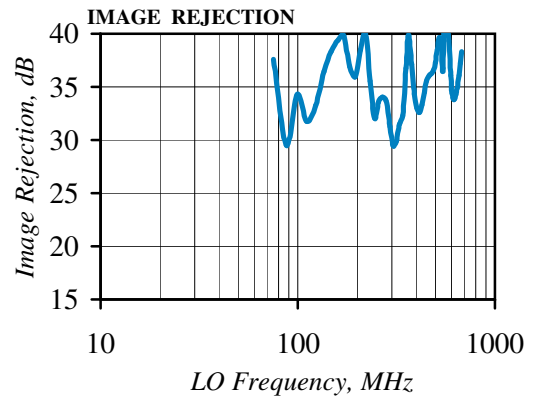
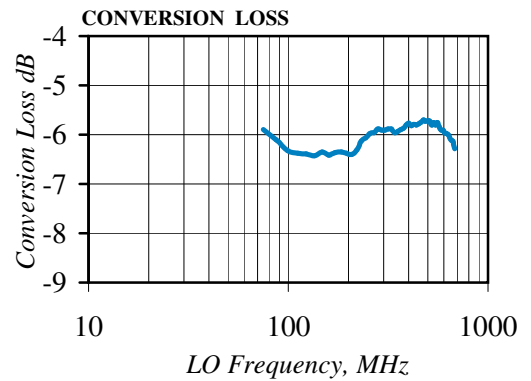
Ordering Information

Model No.	Package
IRM5-750	M1

Outline drawing dimensions in inches



Typical Performance



All parameters measured at IF Frequency 70 MHz and LO power +13dBm @ +25°C

Specifications Subject To Change Without Notice

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