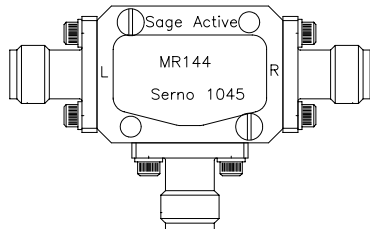




SPECIFICATION MR144H Double Balanced Mixer
BULLETIN RF/LO: 4.0 – 18.0 GHz IF: DC – 500 MHz



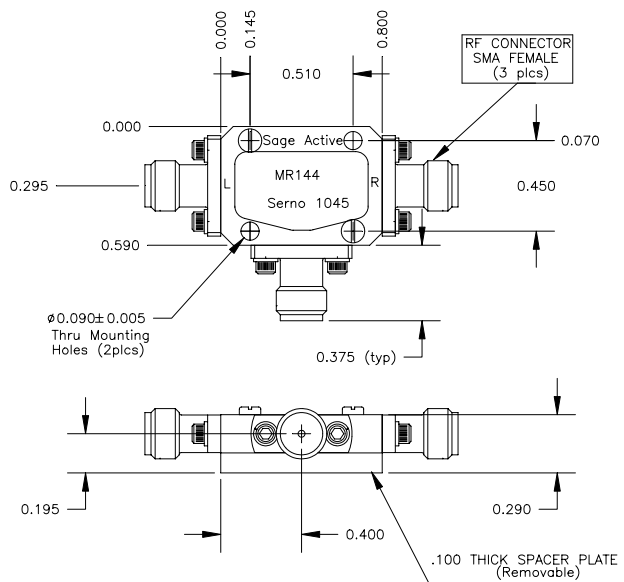
Standard Product Features:

- SMA Removable Connectors
- Broadband Performance
- 5.5 dB Typical Conversion Loss
- 30 dB Typical Isolation
- IF Coverage to 500 MHz
- Double Balanced

SPECIFICATIONS	Typical	Min	Max
RF /LO Frequency Range	-----	4 GHz	18 GHz
IF Frequency Range (3 dB Bandwidth)	-----	DC	1000 MHz
Conversion Loss	5.0 dB	----	9.5 dB
LO Drive Level	16.5 dBm	15.0 dBm	18.0 dBm
Isolation, LO to RF	30 dB	18 dB	---
LO to IF	25 dB	15 dB	---
VSWR, RF	2.2:1	---	---
LO	1.8:1	---	---
Input 1 dB Compression	10 dBm	8 dBm	---
Input Two-Tone Third Order IP (IP3)	21 dBm	15 dBm	---
Operating Temperature Range	---	-54 C	+95 C
Storage Temperature Range	---	-65 C	+125 C

Alternate LO Drive Ranges are available. Consult factory for assistance on your requirements.

OUTLINE DRAWING:



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