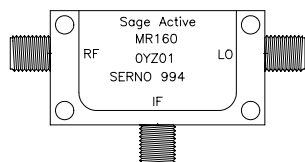




SPECIFICATION BULLETIN

MR160L Triple Balanced Mixer RF/LO: 0.75 to 8.0 GHz IF: 10 to 5000 MHz



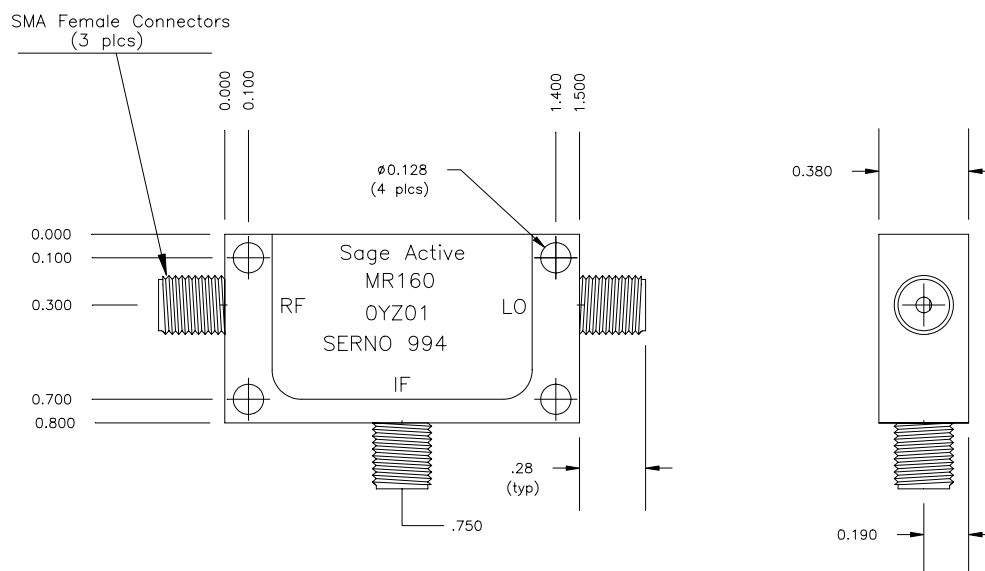
Standard Product Features

- Broadband Performance
- 6.0 dB Typical Conversion Loss
- 25 dB Typical Isolation
- Broadband IF Coverage
- Versatile SMA Package
- Low Cost

SPECIFICATIONS	TYPICAL	Min.	Max.
RF/LO Frequency Range	-----	.75 GHz	8.0 GHz
IF Frequency Range	-----	10 MHz	5000 MHz
Conversion Loss	6.0 dB	-----	9.0 dB
LO Drive Range	11.0 dBm	9.0 dBm	13.0 dBm
Isolations, LO to RF	25 dB	12 dB	-----
LO to IF	30 dB	15 dB	---
Input 1 dB Compression	+7.0 dBm	+3.0 dBm	-----
Input Two-Tone Third Order IP (IP3)	+15 dBm	+10 dBm	-----
Operating Temperature Range	---	-54° C	+95° C
Storage Temperature Range	---	-65° C	+125° C

Note: Alternate LO drive ranges are available. Consult factory for assistance on your requirement.

OUTLINE DRAWING



Operating Parameters

Freq. RF= .75 to 8 GHz
 LO= .75 to 8 GHz
 IF= 10 to 5000 MHz
 LO Power= 9 to 13dBm

