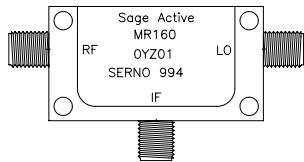




**SPECIFICATION BULLETIN**      **MR160M Triple Balanced Mixer**  
**RF/LO: .75 to 8.0 GHz IF: 10 to 5000 MHz**



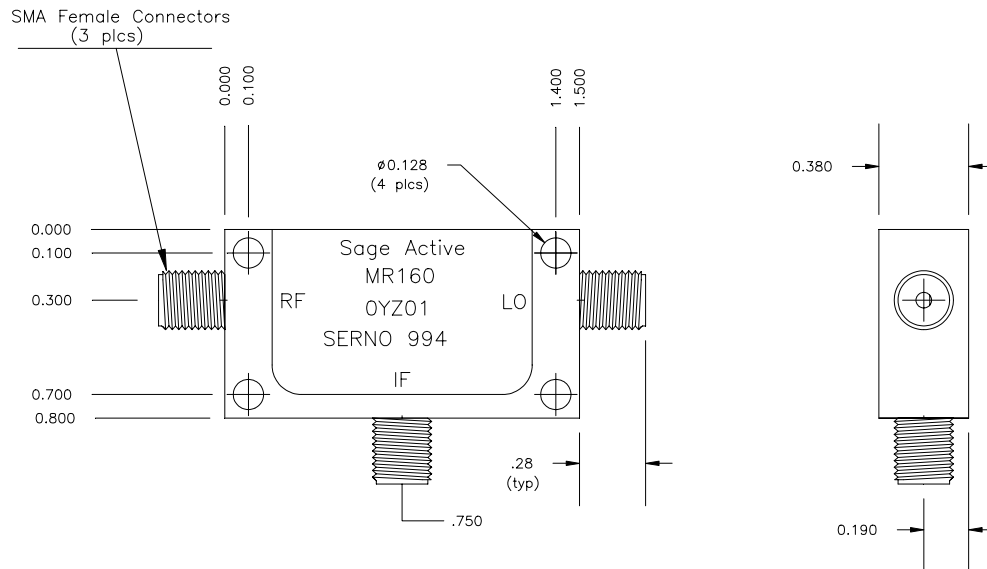
**Standard Product Features:**

- Broadband Performance
- 6.5 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	6.5 dB	-----	9.0 dB
LO Drive Range	+15 dBm	+13 dBm	+17 dBm
Isolations, LO to RF	25 dB	12 dB	-----
LO to IF	30 dB	15 dB	-----
Input 1 dB Compression	+9 dBm	+6 dBm	-----
Input Two-Tone Third Order IP (IP3)	+18 dBm	+13 dBm	-----
Operating Temperature Range	---	-54° C	+95° C
Storage Temperature Range	---	-65° C	+125° C

Note 1: Alternate LO drive ranges are available. Consult factory for assistance on your requirement.

**OUTLINE DRAWING:**



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