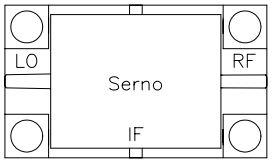
SPECIFICATION BULLETIN	MR139M TRIPLE BALANCED MIXER RF/LO: 4.0 to 18.0 GHz IF: 10 to 3000 MHz



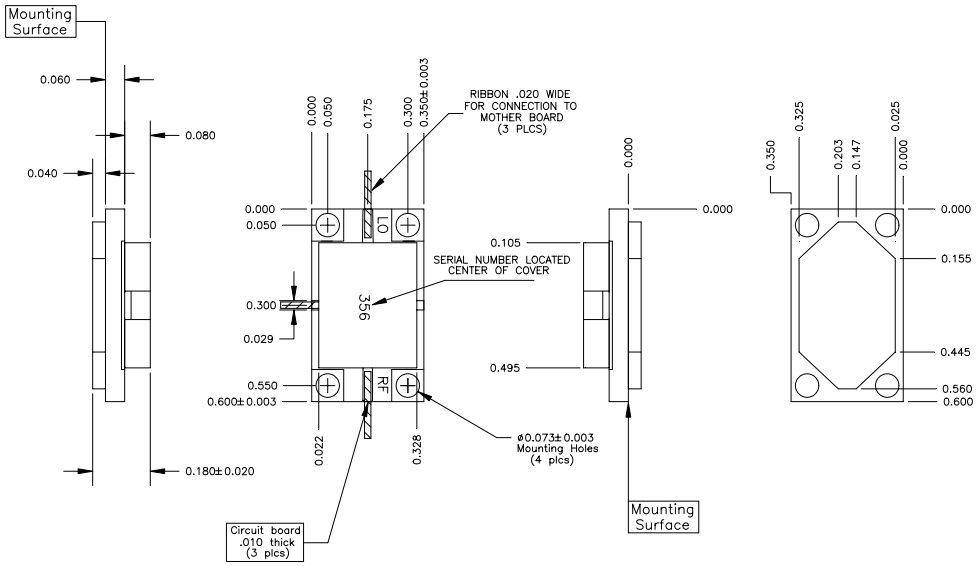
Standard Product Features:

- Broadband Coverage
- Microstrip Drop-in Package
- 5.5 dB Mid-Band Conversion Loss
- 25 dB Isolations
- Protective Covers

SPECIFICATIONS	TYPICAL	Min.	Max.
RF/LO Frequency Range	-----	4 GHz	18 GHz
IF Frequency Range (3 dB Bandwidth)	-----	10	5000 MHz
Conversion Loss	5.5 dB	----	9.0 dB
LO Drive Level	15 dBm	13 dBm	17 dBm
Isolation, LO to RF	30 dB	18 dB	---
LO to IF	25 dB	18 dB	---
VSWR, RF	2.5:1	---	---
LO	2.4:1	---	---
Input 1 dB Compression	9 dBm	7 dBm	---
Input Two-Tone Third Order IP (IP3)	18 dBm	15 dBm	---
Operating Temperature Range	---	-40 C	+70 C
Storage Temperature Range	---	-65 C	+125 C

Custom designs are also available. Consult factory for assistance on your requirements.

OUTLINE DRAWING



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