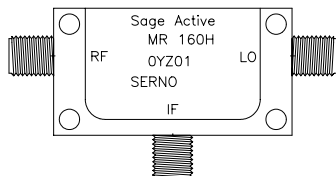


SPECIFICATION BULLETIN

MR160H Triple Balanced Mixer RF/LO: 0.75 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	-----	9.5 dB
LO Drive Range	+22 dBm	+20 dBm	+24 dBm
Isolations, LO to RF	25 dB	12 dB	-----
LO to IF	30 dB	15 dB	-----
VSWR, RF	2.3:1	-----	-----
LO	2.0:1	-----	-----
Input 1 dB Compression	+14 dBm	+12 dBm	-----
Input Two-Tone Third Order IP (IP3)	+27 dBm	+20 dBm	-----
Operating Temperature Range	---	-54° C	+75° C
Storage Temperature Range	---	-65° C	+125° C

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

OUTLINE DRAWING

