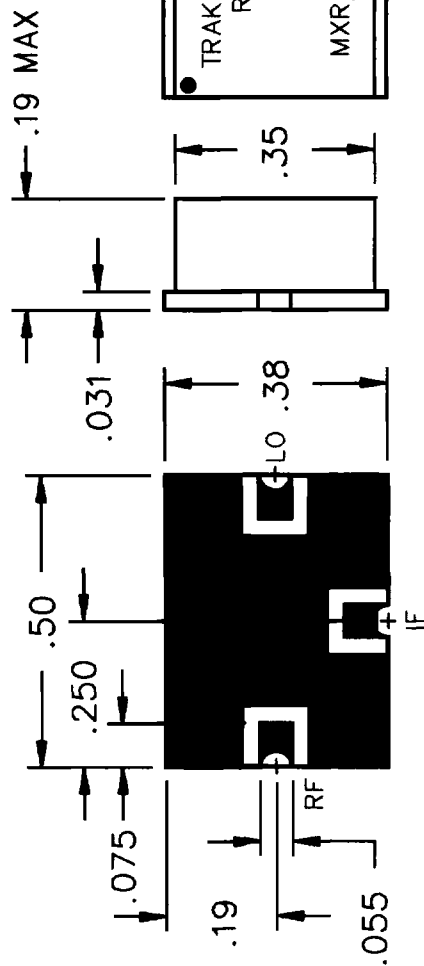


HIGH DYNAMIC RANGE DOUBLE BALANCED MIXER



SPECIFICATIONS:

OPERATING FREQUENCY

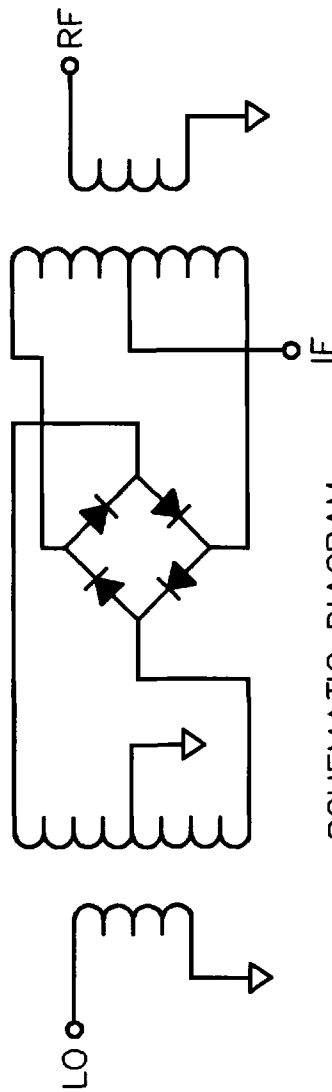
RF : 800-1000 MHz
LO : 800-1000 MHz
IF : 10-200 MHz

CONVERSION LOSS (dB) : $\frac{\text{Typ}}{7.0}$ $\frac{\text{Max}}{8.0}$

ISOLATION (dB, TYP/MIN) :

LO/RF : 35/30
LO/IF : 30/25

LO POWER : +17 dBm
IP3 INPUT : +32 dBm TYP
1 dB COMP POINT : +12 dBm MIN
VSWR : 2.5:1 MAX
IMPEDANCE : 50 OHMS NOM



SCHEMATIC DIAGRAM

MATERIAL

- ☒ STANDARD
- ☐ SPECIAL
- ° BASE : FR-4
- ° COVER : VECTRA
- ° MARKING : LASER
- ° FINISH : SOLDER TIN

TRAK MICROWAVE
4726 Eisenhower Boulevard
Tampa, Florida 33634
(813)884-1411, FAX (813)886-2794

MODEL NO.

MXR/6EE-02HD

SHT OF

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DATE

4/94