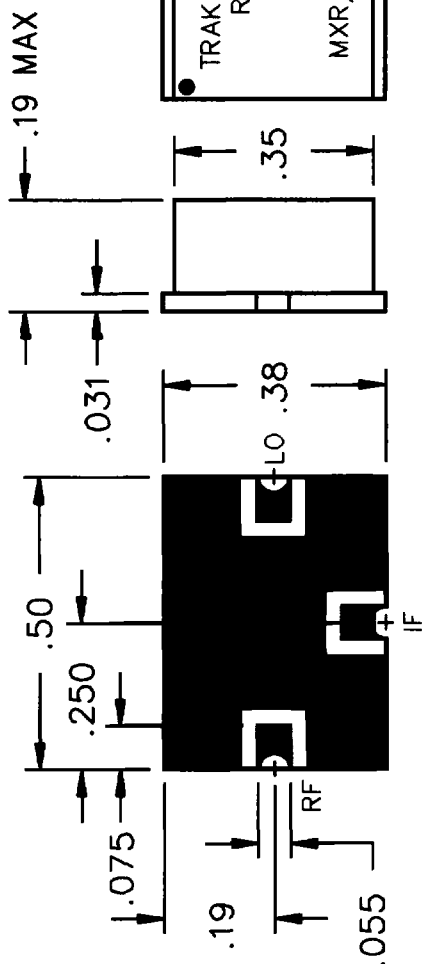


HIGH DYNAMIC RANGE DOUBLE BALANCED MIXER



SPECIFICATIONS:

OPERATING FREQUENCY

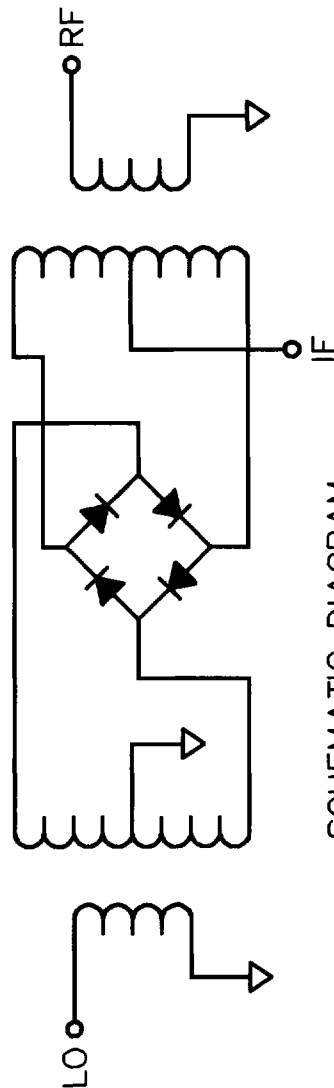
RF : 10-2000 MHz
LO : 10-2000 MHz
IF : 5-1000 MHz

CONVERSION LOSS (dB) : TYP 8.0 MAX 9.0

ISOLATION (dB, TYP/MIN) :

LO/RF : 40/30
LO/IF : 35/28

LO POWER : +10 dBm
IP3 INPUT : +21 dBm TYP
1 dB COMP POINT : +5 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/3CF-02HD SHT OF 1 DATE 4/94