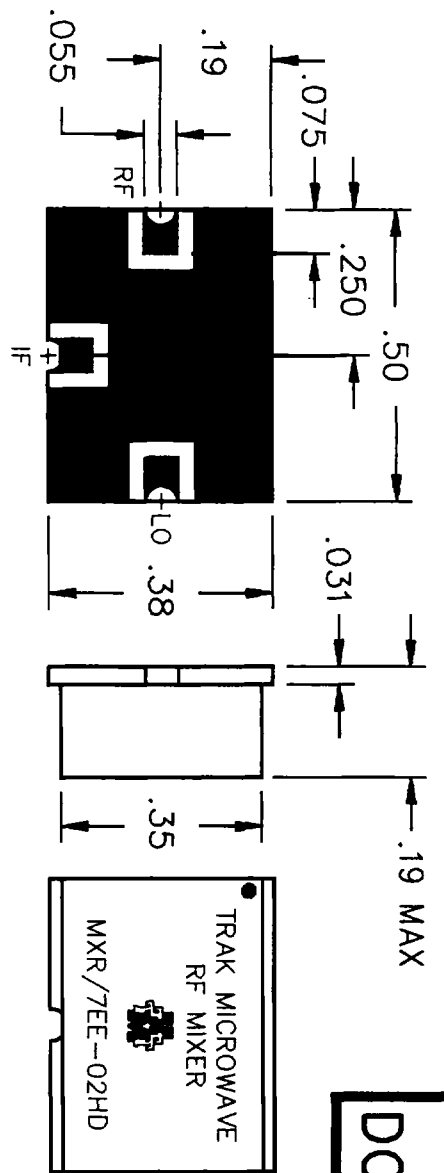


HIGH DYNAMIC RANGE DOUBLE BALANCED MIXER



SPECIFICATIONS:

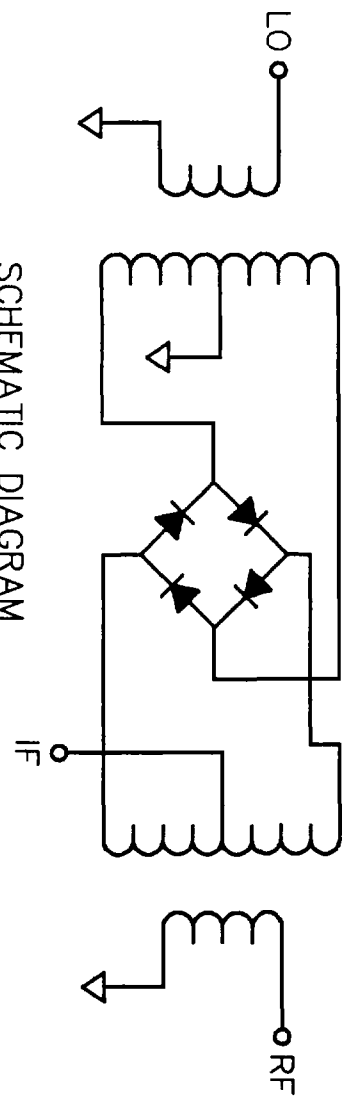
OPERATING FREQUENCY
 RF : 800-1000 MHz
 LO : 800-1000 MHz
 IF : 10-200 MHz

CONVERSION LOSS (dB) : TYP 7.0 MAX 8.0

ISOLATION (dB, TYP/MIN) :
 LO/RF : 35/30
 LO/IF : 30/25

LO POWER : +21 dBm
 IP3 INPUT : +34 dBm TYP
 1 dB COMP POINT : +14 dBm MIN
 VSWR : 2.5:1 MAX
 IMPEDANCE : 50 OHMS NOM

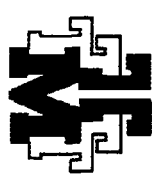
SCHEMATIC DIAGRAM



- STANDARD
- SPECIAL

MATERIAL

- 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/7EE-02HD SHT 1 OF 1 DATE 4/94