

# CHD-9010 DOUBLE BALANCED MIXER

## TECHNICAL FEATURE

### FEATURES

- 5 to 1000 MHz

### PERFORMANCE

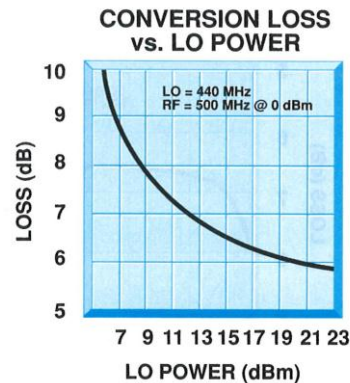
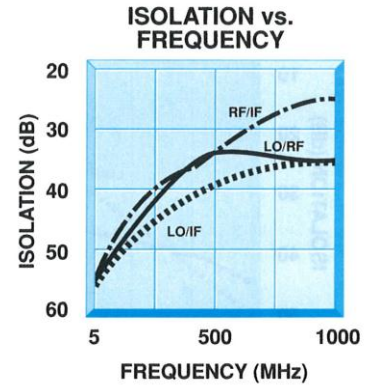
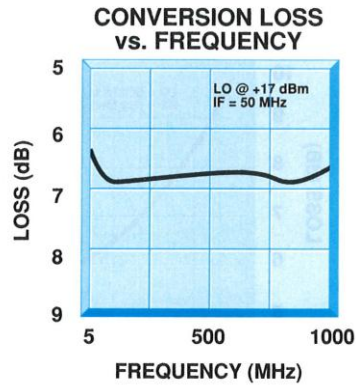
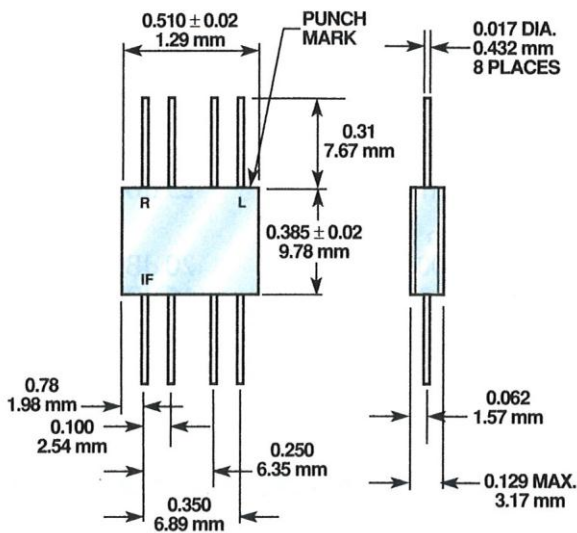
LO/RF Frequency Range.....	5 – 1000 MHz
IF Frequency Range .....	DC-800 MHz
Conversion Loss.....	7.0 dB max
LO/RF Isolation.....	35 dB min
LO/IF Isolation .....	30 dB min
RF/IF Isolation .....	25 dB min
1 dB Compression point (1) .....	+11 dBm min (Input)
Operating Temperature Range.....	-54 to +85° C

Note 1: +20 dBm LO.

### OPERATING CHARACTERISTICS

LO Power.....	+17 dBm nominal
Impedance.....	50 Ohms nominal

### MECHANICAL OUTLINE



### FUNCTIONAL SCHEMATIC

