

# CDB-9005 DUAL IF DOUBLE BALANCED MIXER

## TECHNICAL FEATURE

### FEATURES

- 1 to 500 MHz

### PERFORMANCE

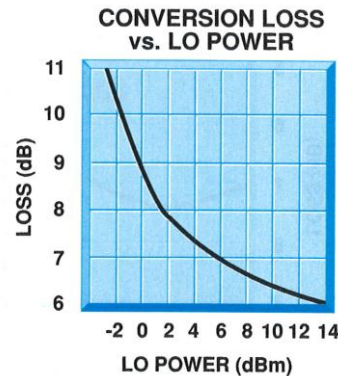
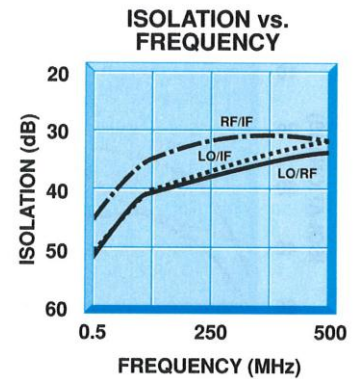
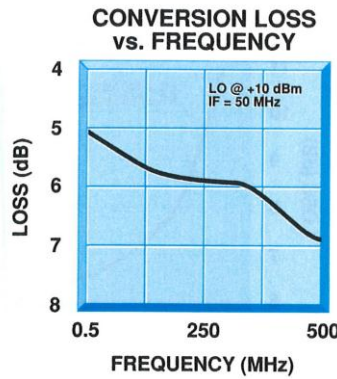
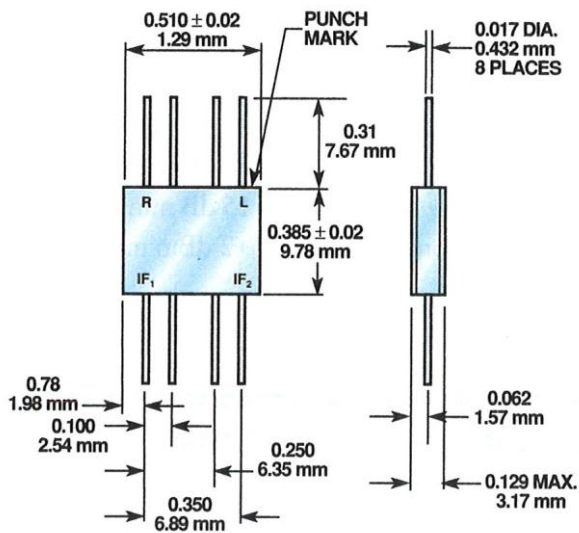
LO/RF Frequency Range.....	1 - 500 MHz
IF Frequency Range .....	DC-500 MHz
Conversion Loss.....	7.0 dB max
LO/RF Isolation.....	35 dB min
LO/IF Isolation .....	35 dB min
RF/IF Isolation .....	30 dB min
1 dB Compression point (1) .....	+1 dBm min (Input)
Operating Temperature Range.....	-54 to +85° C

Note 1: +10 dBm LO.

### OPERATING CHARACTERISTICS

LO Power.....	+7 dBm nominal
Impedance.....	50 Ohms nominal

### MECHANICAL OUTLINE



### FUNCTIONAL SCHEMATIC

