

# CDB-9007 DOUBLE BALANCED MIXER

## TECHNICAL FEATURE

### FEATURES

- 5 to 1350 MHz

### PERFORMANCE

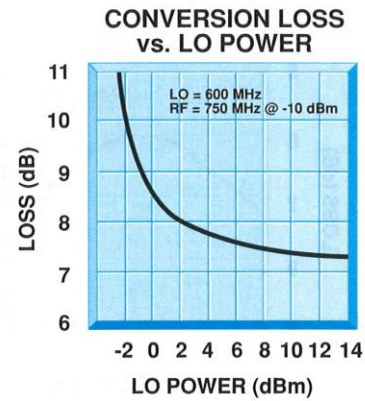
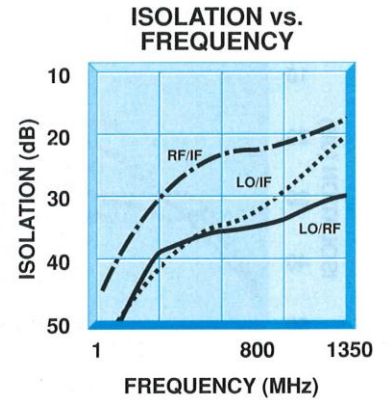
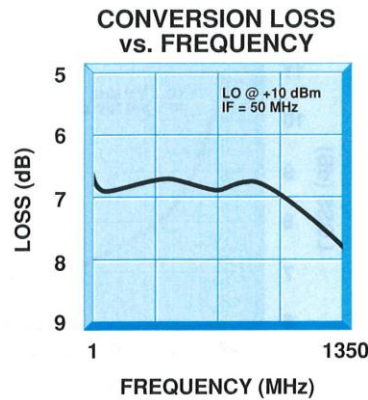
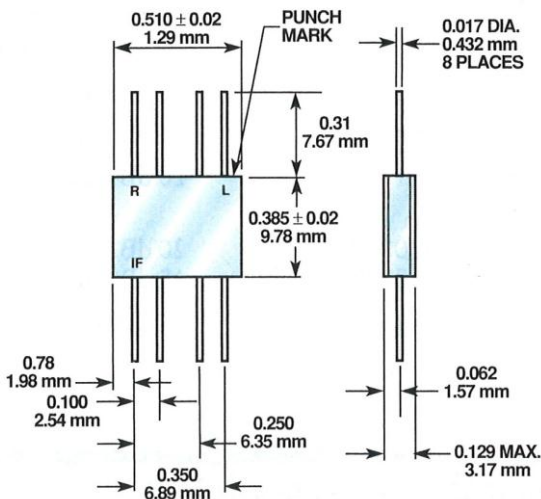
LO/RF Frequency Range.....	5 – 1350 MHz
IF Frequency Range .....	DC-800 MHz
Conversion Loss.....	8.5 dB max
LO/RF Isolation.....	25 dB min
LO/IF Isolation .....	20 dB min
RF/IF Isolation .....	15 dB min
1 dB Compression point (1) .....	+2 dBm min (Input)
Operating Temperature Range.....	-54 to +85° C

Note 1: +10 dBm LO.

### OPERATING CHARACTERISTICS

LO Power.....	+10 dBm nominal
Impedance.....	50 Ohms nominal

### MECHANICAL OUTLINE



### FUNCTIONAL SCHEMATIC

