

# CDB-9008 DUAL IF DOUBLE BALANCED MIXER

## TECHNICAL FEATURE

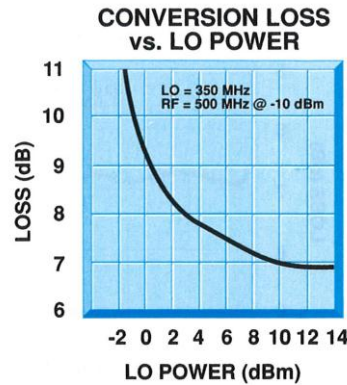
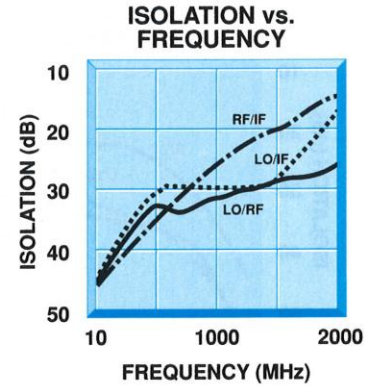
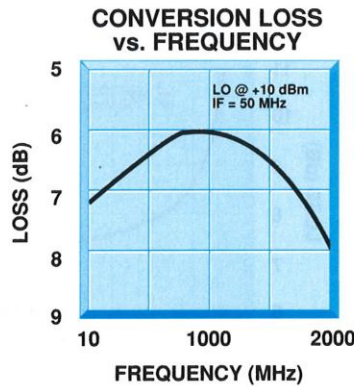
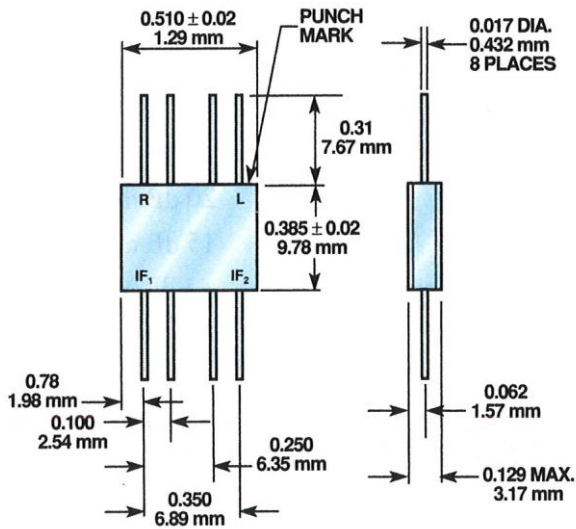
### FEATURES

- 10 to 2000 MHz

### PERFORMANCE

LO/RF Frequency Range.....	10 -2000 MHz
IF Frequency Range .....	DC-1800 MHz
Conversion Loss.....	10.0 dB max
LO/RF Isolation.....	25 dB min
LO/IF Isolation .....	20 dB min
RF/IF Isolation	
10 to 1000 MHz .....	20 dB min
1000 to 2000 MHz .....	15 dB min
1 dB Compression point (1) .....	+1 dBm min (Input)
Operating Temperature Range.....	-54 to +85° C
Note 1: +10 dBm LO.	
<b>OPERATING CHARACTERISTICS</b>	
LO Power.....	+10 dBm nominal
Impedance .....	50 Ohms nominal

### MECHANICAL OUTLINE



### FUNCTIONAL SCHEMATIC

