

# CDBS-9013 STARVED LO DOUBLE BALANCED MIXER

## TECHNICAL FEATURE

### FEATURES

- 5 to 1000 MHz

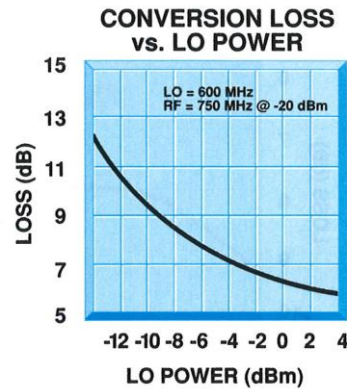
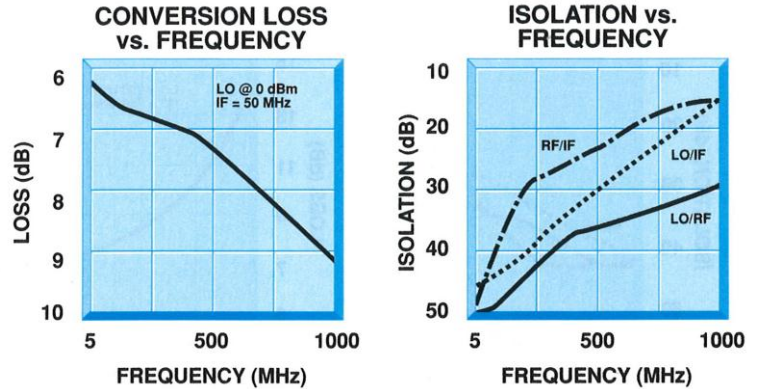
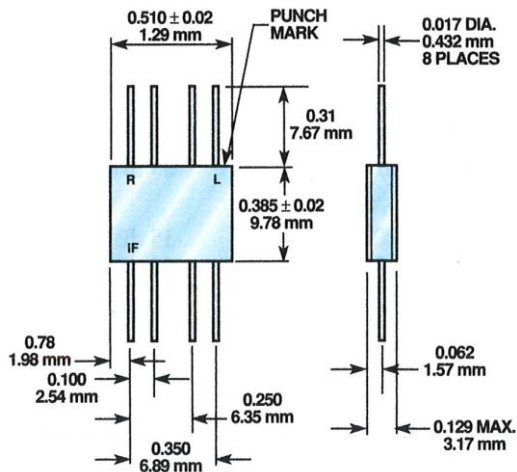
### PERFORMANCE

LO/RF Frequency Range.....	2 – 1000 MHz
IF Frequency Range .....	DC-1000 MHz
Conversion Loss.....	9.0 dB max
LO/RF Isolation.....	25 dB min
LO/IF Isolation	
50 to 500 MHz .....	25 dB min
500 to 1000 MHz.....	15 dB min
RF/IF Isolation	
50 to 500 MHz .....	20 dB min
500 to 1000 MHz.....	15 dB min
1 dB Compression point (1) .....	-1 dBm min (Input)
Operating Temperature Range.....	-54 to +85° C
Note 1: +5 dBm LO.	

### OPERATING CHARACTERISTICS

LO Power.....	0 dBm nominal
Impedance.....	50 Ohms nominal

### MECHANICAL OUTLINE



### FUNCTIONAL SCHEMATIC

