

DOUBLE-BALANCED MIXER

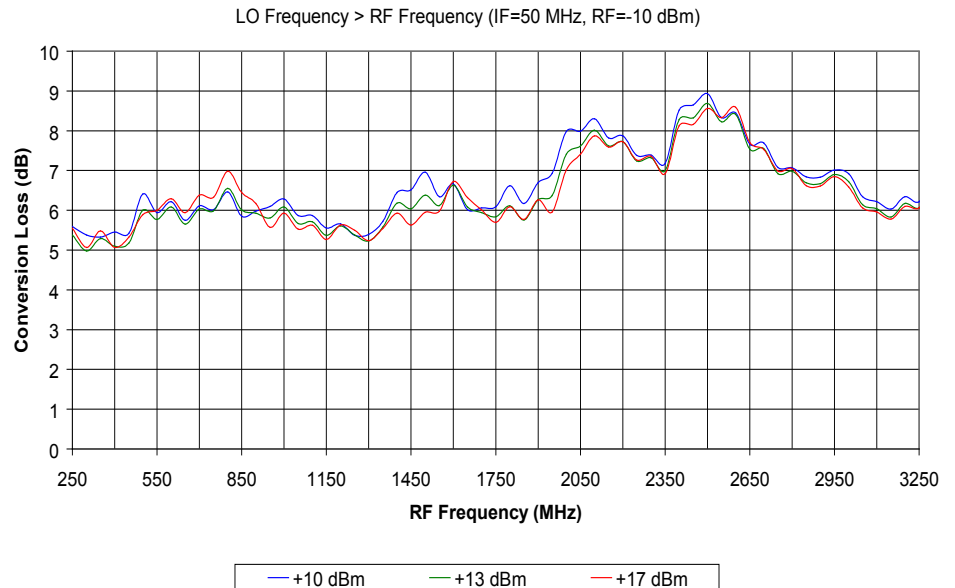
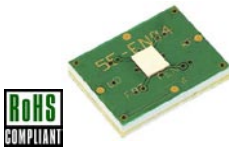
SURFACE MOUNT MODEL: SGM-2-13

WIDE BANDWIDTH - GALAXY SERIES

250 - 3250 MHz

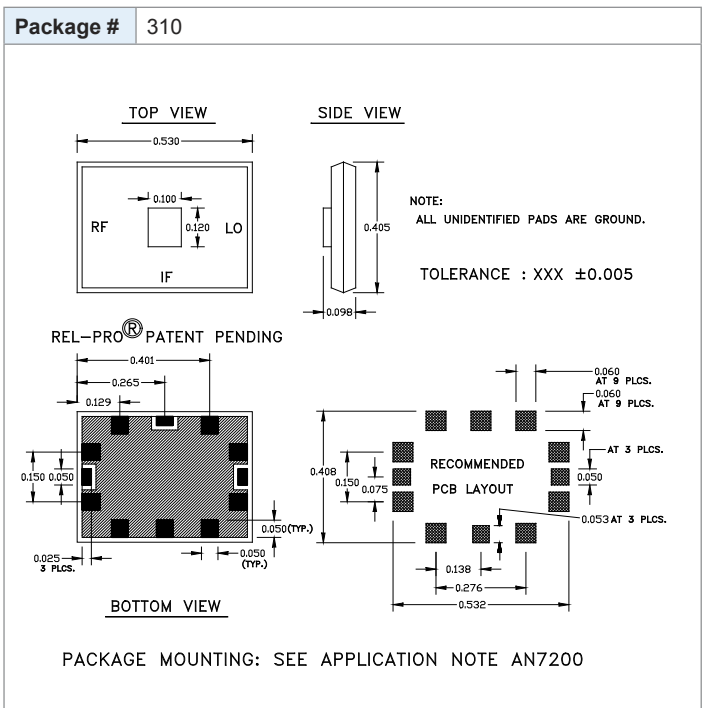
FEATURES:

- ▶ High Reliability
- ▶ Low Construction Cost
- ▶ Small Size, Surface Mount
- ▶ RoHS Compliant
- ▶ Lead Free REL-PRO® Technology



SPECIFICATIONS (Rev. C 05/24/07)

Frequency (MHz)	RF/LO 250 - 3250	IF DC - 700
Conversion Loss (dB)	Typ. 6.5	Max. 9.0
Isolation (dB)		Typ. Min.
	LO/RF	25 20
	LO/IF	12 5
	RF/IF	25 15
LO Power	+13 dBm (Nom.)	
1 dB Compression Point	+6 dBm (Typ.)	
Input IP ³	+14 dBm (Typ.)	
RF Input Power	100 mW (Max.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-40 to +85 °C	



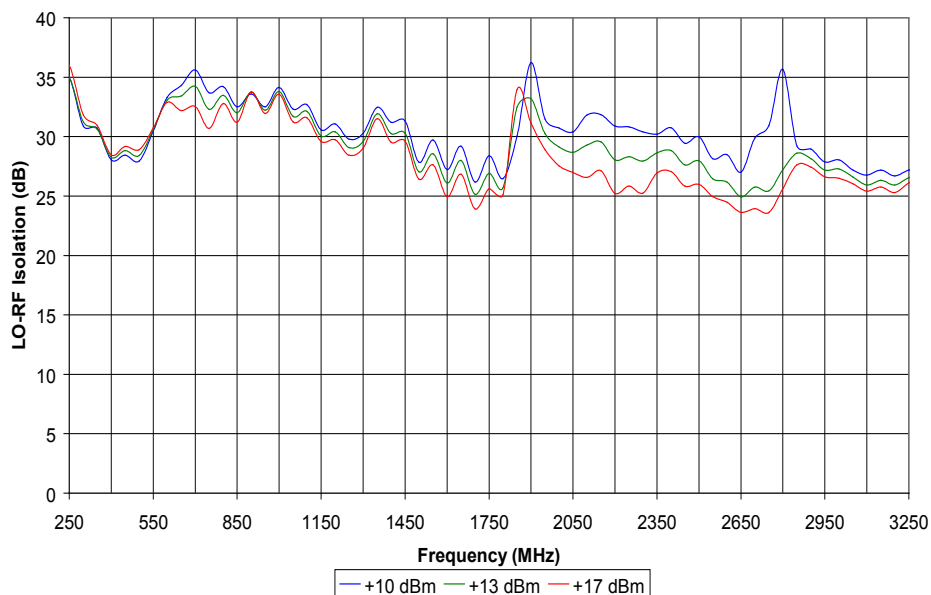
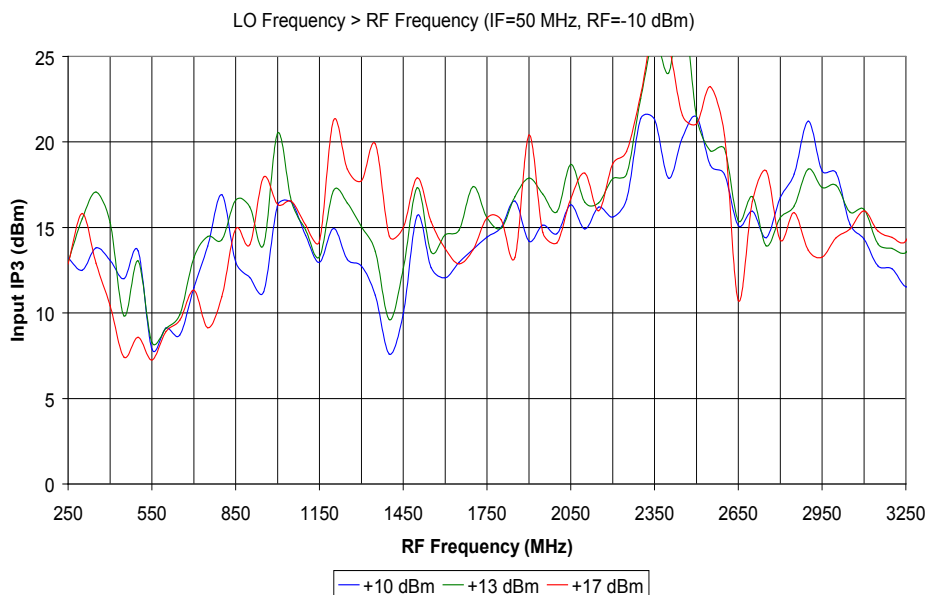
DOUBLE-BALANCED MIXER

SURFACE MOUNT MODEL: SGM-2-13

WIDE BANDWIDTH - GALAXY SERIES

250 - 3250 MHz

PERFORMANCE PLOTS



DOUBLE-BALANCED MIXER

SURFACE MOUNT MODEL: SGM-2-13

WIDE BANDWIDTH - GALAXY SERIES

250 - 3250 MHz

PERFORMANCE PLOTS

