

TRIPLE-BALANCED MIXER

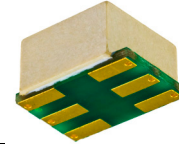
SURFACE MOUNT MODEL: SLD-K5H

WIDE BANDWIDTH

5 - 1000 MHz

FEATURES:

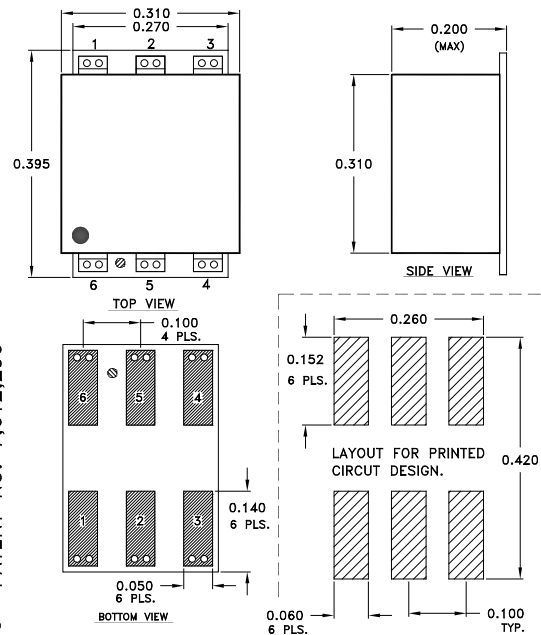
- ▶ High Isolation
- ▶ Good Linearity
- ▶ Small Size, Surface Mount



SPECIFICATIONS (Rev. A 08/13/25)

Frequency	LO/RF (MHz)	IF (MHz)	
	5 - 1000	5 - 1000	
Conversion Loss (dB)	Freq. (MHz)	Typ.	Max.
	10 - 500	6.5	8.0
	5 - 1000	7.5	9.5
Isolation (dB)			
Freq. (MHz)	LO/RF (Typ./Min.)	LO/IF (Typ./Min.)	RF/IF (Typ./Min.)
5 - 50	42/32	33/20	35/25
50 - 500	38/30	32/20	22/17
500 - 1000	32/23	30/20	23/18
LO Power	+23 dBm (Nom.)		
1 dB Comp. Pt.	+20 dBm (Typ.)		
Input IP ³	+30 dBm (Typ.)		
Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		

Package # 159LF



REL-PRO® PATENT NO. 7,612,296

TOLERANCES ON THREE
DECIMAL PLACES= ± 0.015
PACKAGE MONTING: SEE APPLICATION NOTES AN7200 & AN7301

PORT DESIGNATION

RF	LO	IF	GND
4	1	5	All Others

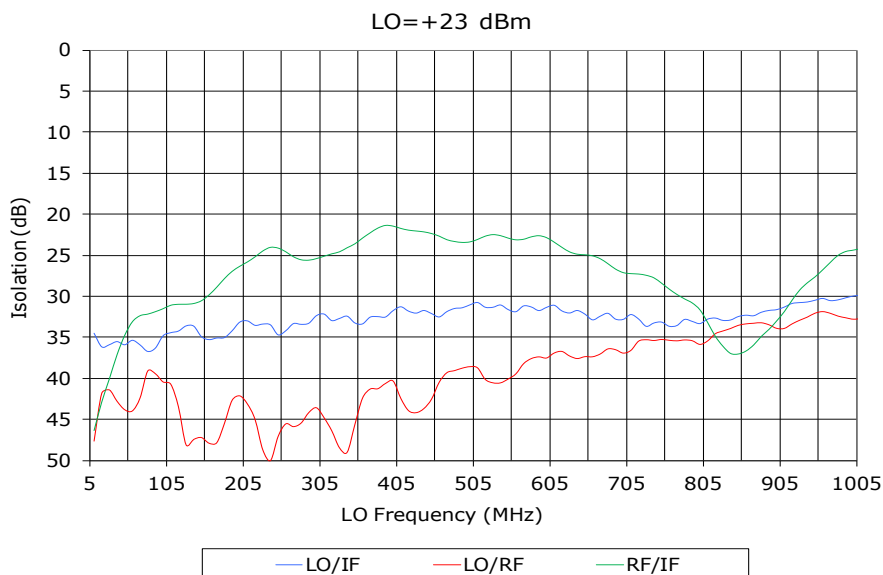
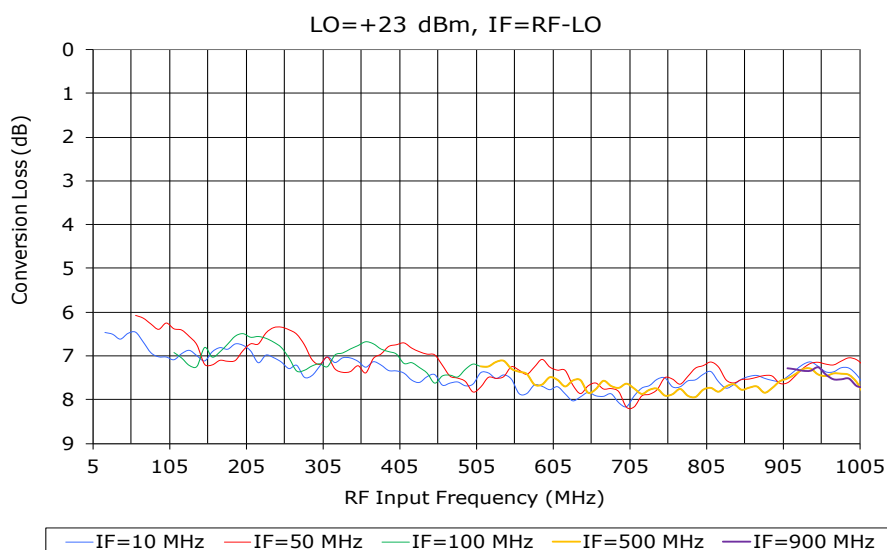
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PERFORMANCE PLOTS

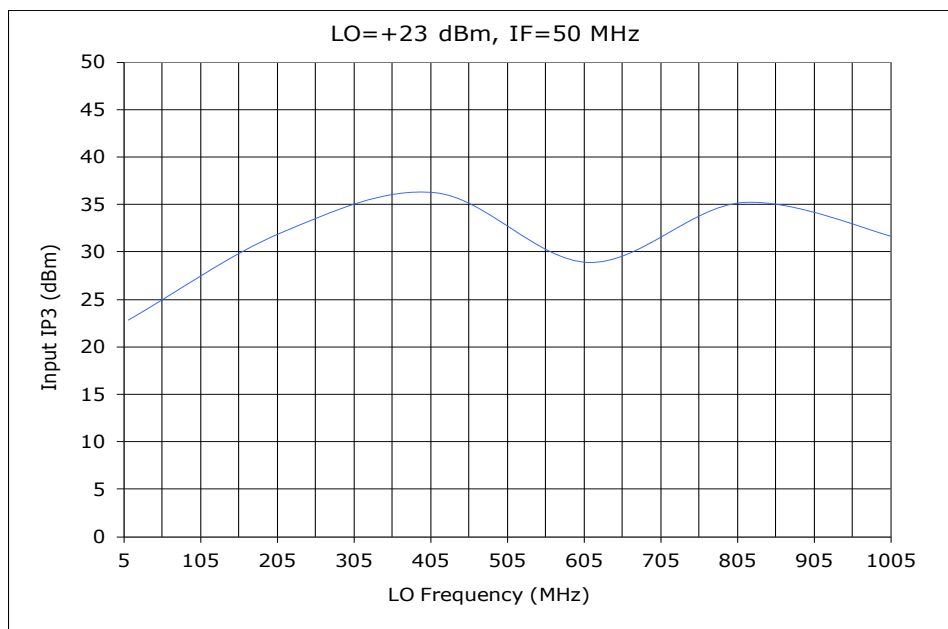


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