

FREQUENCY DOUBLER

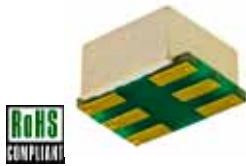
SURFACE MOUNT MODEL: SLX-K3

WIDE BANDWIDTH

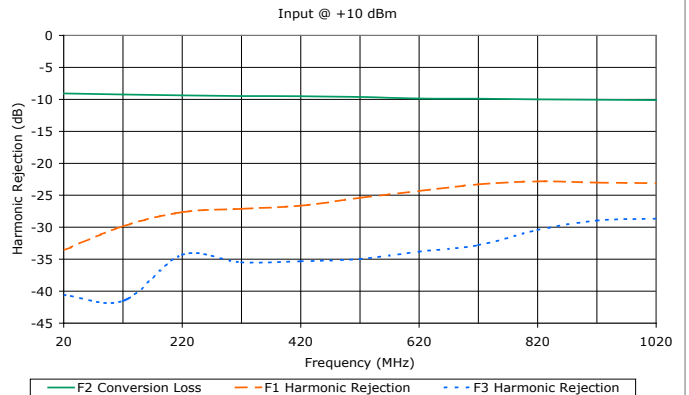
1 - 500 MHz

FEATURES:

- ▶ Low Conversion Loss
- ▶ Good Harmonic & Sub-Harmonic Rejection
- ▶ Small Size, Surface Mount
- ▶ Lead Free REL-PRO® Technology



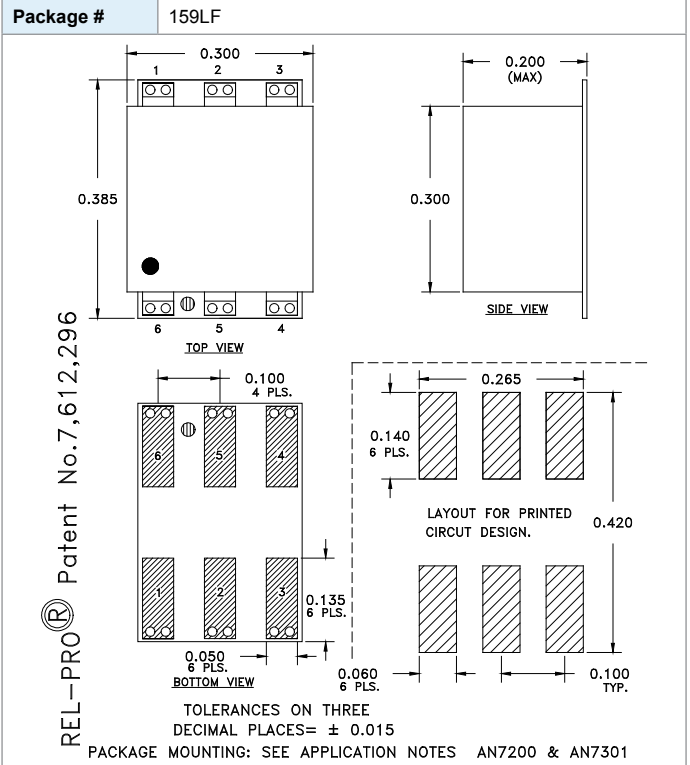
Harmonic Rejection



SPECIFICATIONS (Rev. C 12/17/10)

Frequency (MHz)	Input	1 - 500	
	Output	2 - 1000	
Input Power (dBm)	Min.	+4	
	Max.	+10	
Conversion Loss (dB)	Typ.	13.5	
	Max.	16.5	
Harmonic Suppression (dB) *		Typ.	Min.
	F1	25	15
	F3	40	25
Output Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		

* Relative to output frequency



Port Configuration		
Input	Output	Gnd. *
1	4	2,3,5,6

* Ground Externally

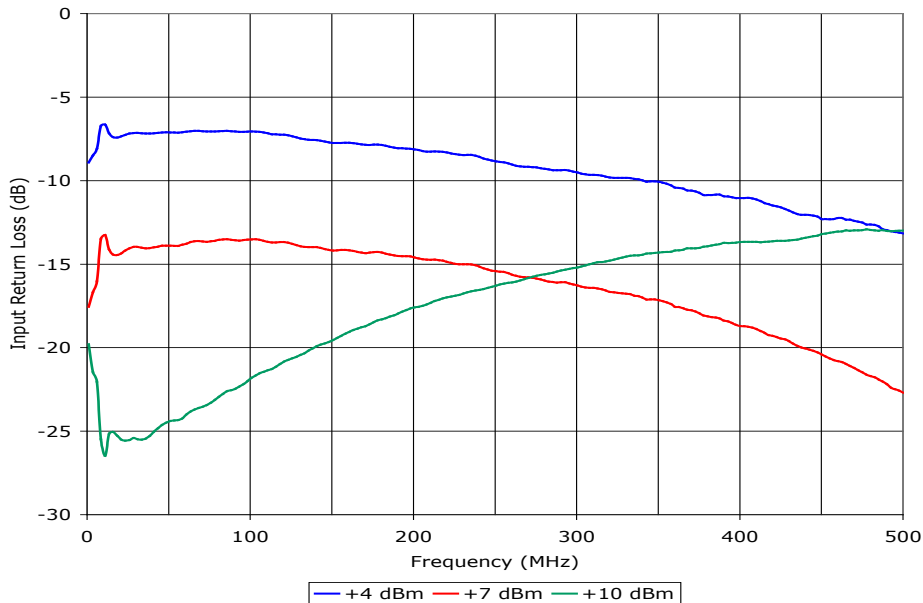
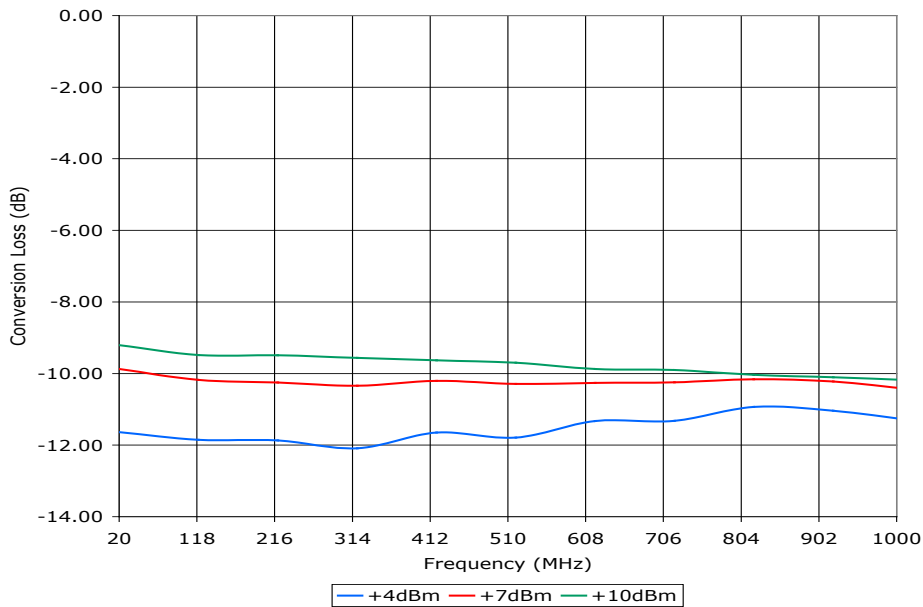
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PERFORMANCE PLOTS



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