

# FREQUENCY DOUBLER

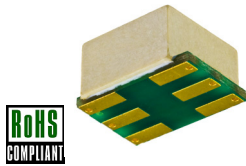
## SURFACE MOUNT MODEL: SLX-K3

**WIDE BANDWIDTH**

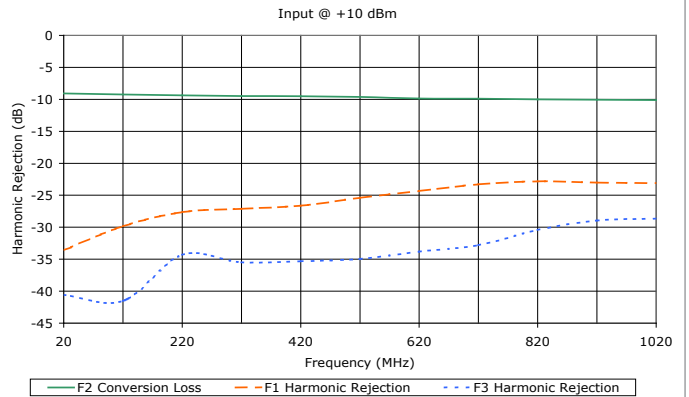
**1 - 500 MHz**

**FEATURES:**

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



**Harmonic Rejection**

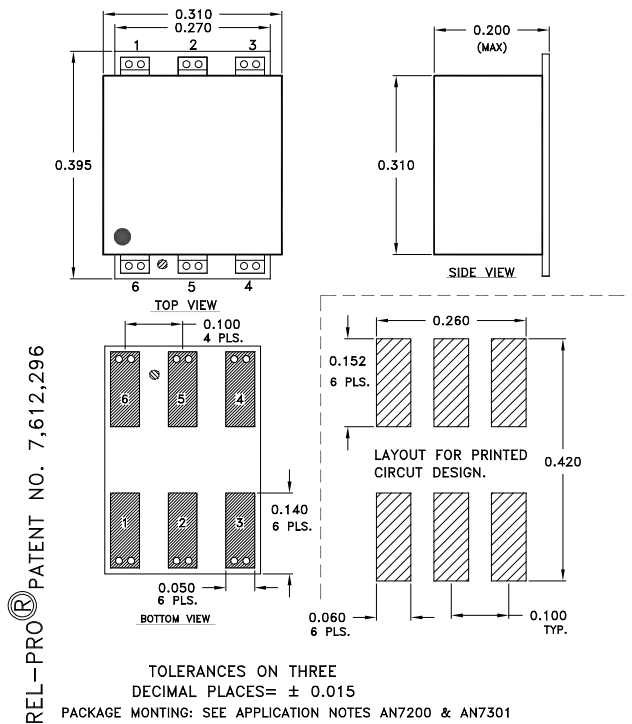


**SPECIFICATIONS (Rev. D 09/18/18)**

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) *	F1	Typ. 25	Min. 15
	F3	Typ. 40	Min. 25
Output Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		

\* Relative to output frequency

Package # 159LF



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

\* Ground Externally

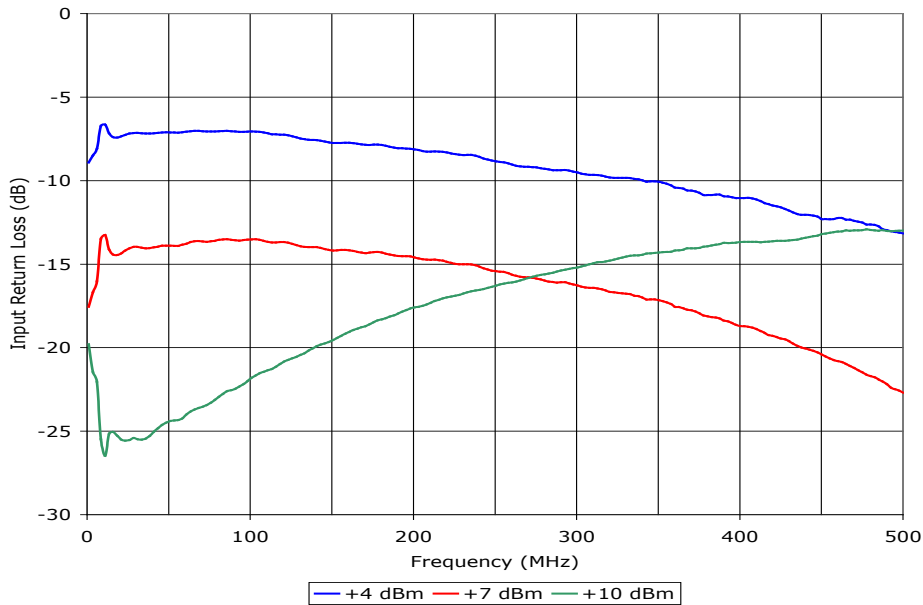
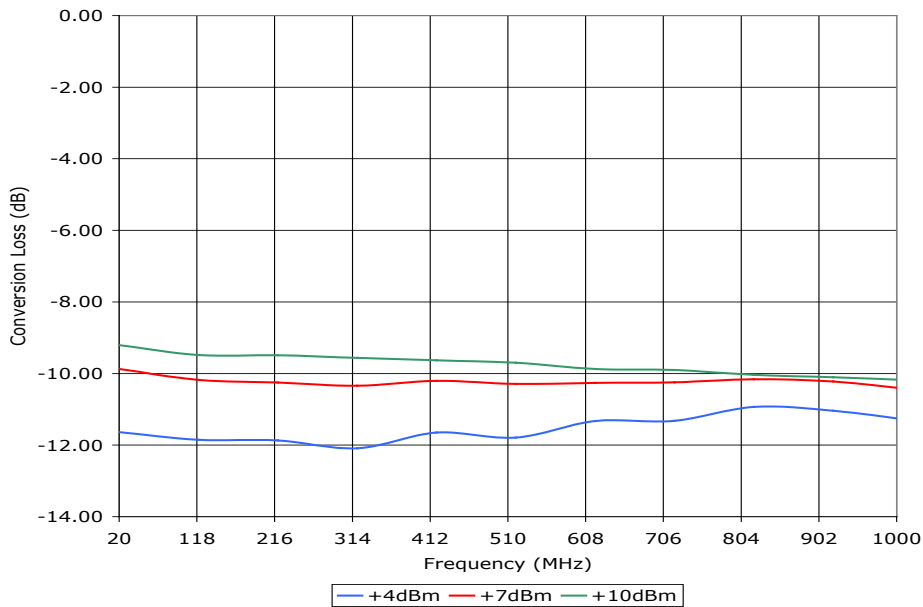
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PERFORMANCE PLOTS



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