

I & Q MODULATOR

MODEL: SMP-2060

WIDE BANDWIDTH

100 - 1000 MHz

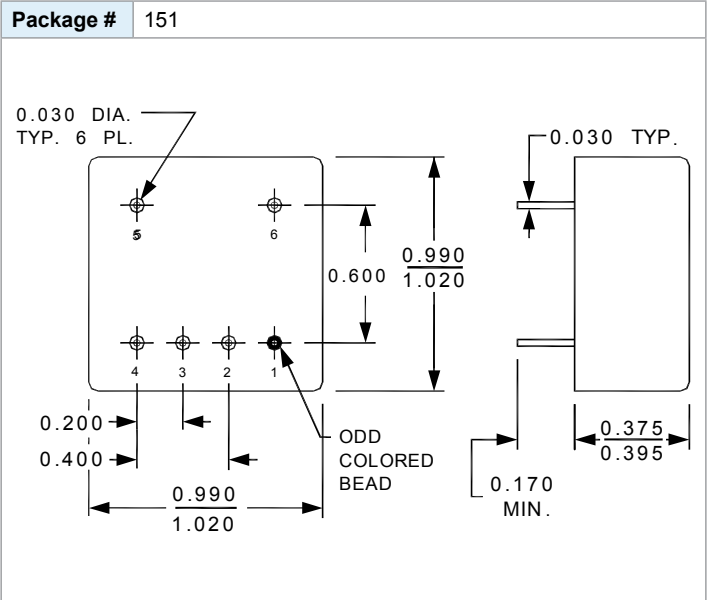
FEATURES:

- ▶ Compact Size
- ▶ Good Rejection



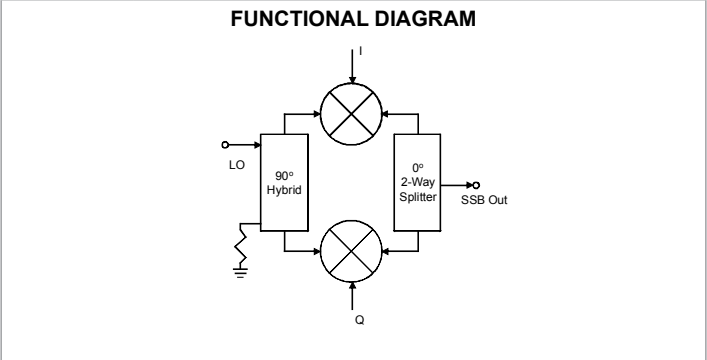
SPECIFICATIONS

Carrier Frequency	100 - 1000 MHz	
Carrier Power Level (LO)	+10 dBm	
Conversion Loss	Freq. (MHz)	dB (Typ. / Max.)
	200 - 600	7.0 / 9.5
	100 - 1000	9.5 / 11
Modulation Frequency	DC - 150 MHz	
Input IP₃	15 dBm (Typ.)	
SSB Rejection	Freq. (MHz)	dB (Typ. / Min.)
	200 - 600	20 / 15
	100 - 1000	17 / 13
Isolation	LO/RF	35 dB (Min.)
	LO/IF	20 dB (Min.)
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-40 to +85 °C	
<p><i>Notes:</i></p> <ol style="list-style-type: none"> 1. USB is suppressed when MOD1 is +90° w/ resp. to MOD2 2. LSB is suppressed when MOD1 is -90° w/ resp. to MOD2 3. Conversion loss is the difference between the combined power of both modulation inputs and desired output. 		



PIN CONFIGURATION

Carrier	Output	MOD1	MOD2	Case GND.
6	1	3	2	4,5



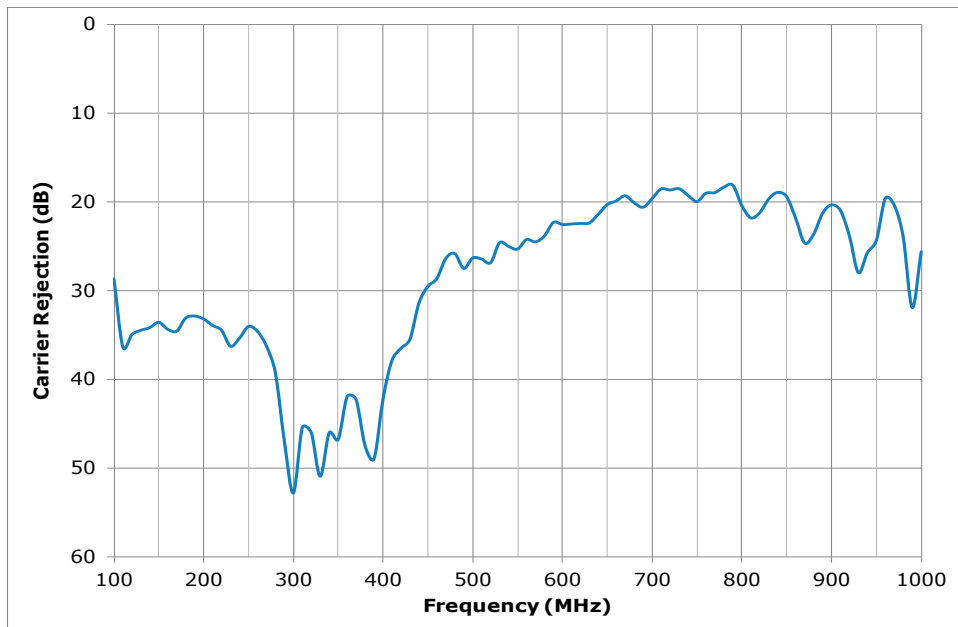
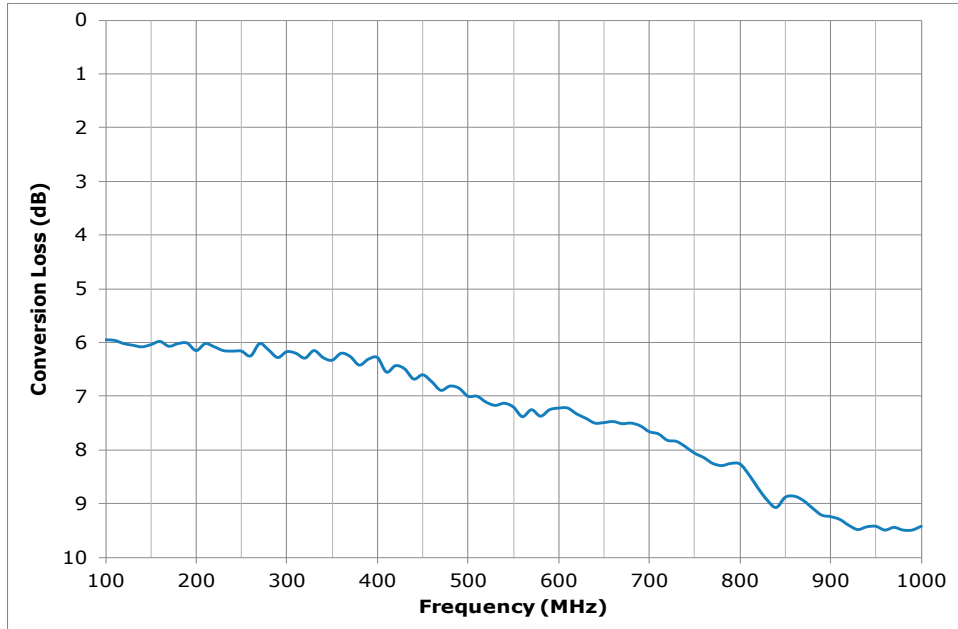
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PERFORMANCE PLOTS

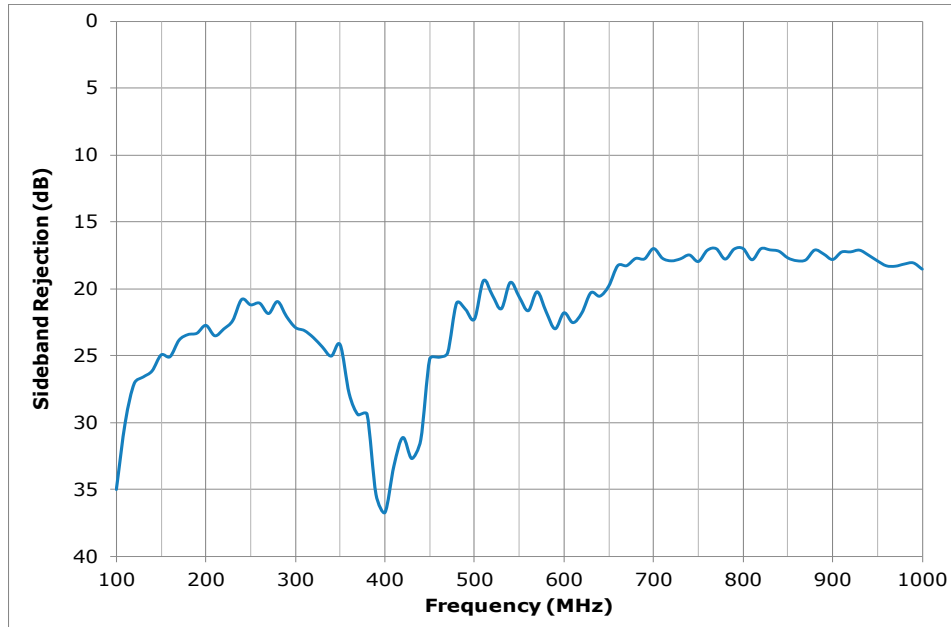


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