

SSB MODULATOR

PLUG-IN MODEL: SMR-212

OCTAVE BANDWIDTH

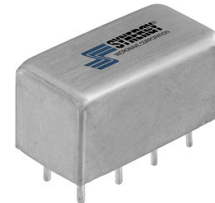
60 - 120 MHz

FEATURES:

- ▶ Good Phase & Amplitude Balance
- ▶ Small Size

APPLICATIONS:

- ▶ Wired & Wireless Networks



SPECIFICATIONS

Frequency (MHz)	Carrier	60 - 120
	Modulation	DC - 60
Carrier Power Level	+10 dBm (Nom.)	
Conversion Loss	8 dB (Max.)	
SSB Rejection	30 dB (Min.)	
LO/RF Isolation	45 dB (Min.)	
Input 1 dB Comp. Pt.	0 dBm (Min.)	
Input IP3	+15 dBm (Typ.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-55 to +85 °C	
<p>Notes:</p> <ul style="list-style-type: none"> • USB is suppressed when MOD. 1 is +90° reference to MOD. 2 • SSB rejection is based on optimum input quadrature signals • Conversion Loss is the difference between total power of both modulation inputs and desired sideband output 		

Package # 102

PIN CONFIGURATION

Carrier	SSB Output	Mod. 1	Mod. 2	GND.
8	1	3	4	All Others

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