

SSB-60 – SSB-940 SINGLE SIDEBAND MODULATORS

TECHNICAL FEATURE

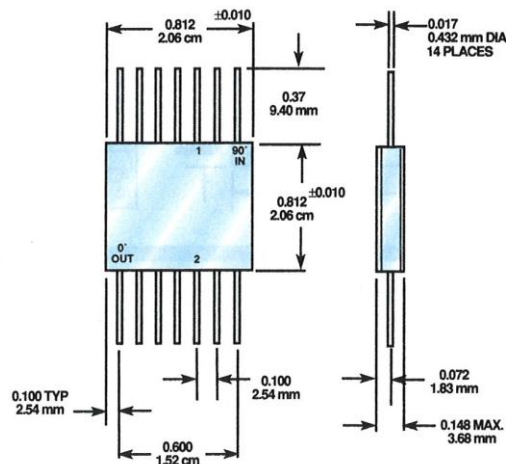
PERFORMANCE

RF Level (DBM)	+10
Modulation Level 2 Signals in Quadrature Phase (DBM).....	0
Modulation Frequency	0 to 5 MHz
Carrier & Sideband Suppression Below Output	-30 dB
Conversion Loss	10 dB max
Operating Temperature Range	-54 to +85° C

PRODUCT SELECTION GUIDE

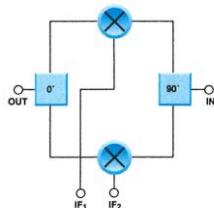
Part No.	Frequency Range (MHz)
SSB-60	43 to 82 MHz
SSB-70	50 to 90 MHz
SSB-150	135 to 165 MHz
SSB-325	250 to 450 MHz
SSB-425	400 to 450 MHz
SSB-490	460 to 540 MHz

MECHANICAL OUTLINE

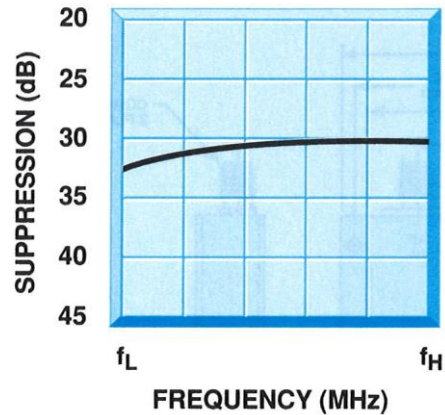


All unmarked pins are grounded.

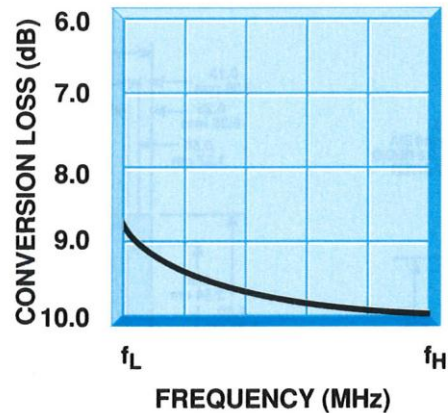
FUNCTIONAL SCHEMATIC



TYPICAL SUPPRESSION vs. FREQUENCY



TYPICAL CONVERSION LOSS vs. FREQUENCY



Crane Aerospace & Electronics
Microwave Solutions – Signal Technology
28 Tozer Road, Beverly, MA 01915
+1.978.524.7200 • mw@crane-eg.com
www.craneae.com/mw

