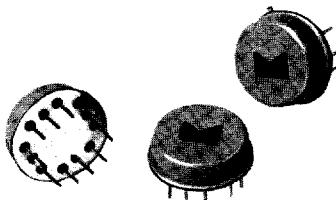
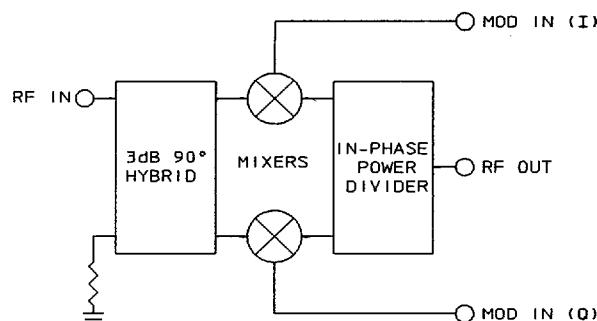




SST-1A series

HIGH PERFORMANCE SIDEBAND MODULATOR
Designed for Cellular Base Stations
Hermetic TO-8 Package

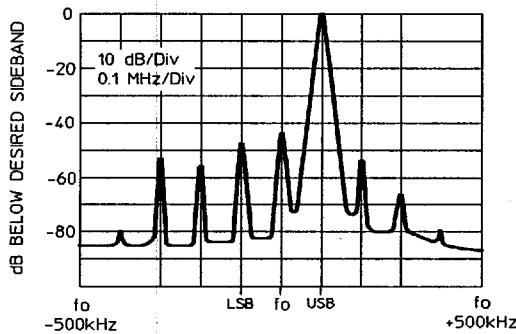


- Frequencies for 900 MHz systems
- Minimized Adjacent Channel Interference
- Minimal Size and Weight

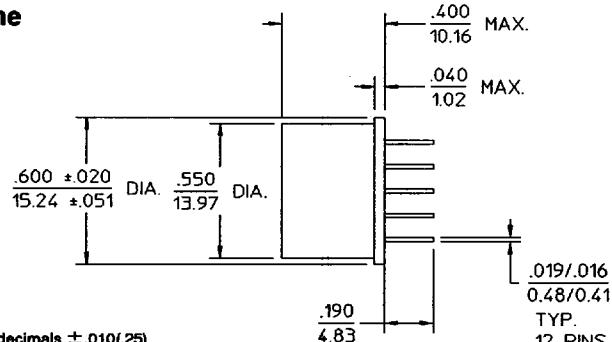
The SST-1A series of Single Sideband Modulators has been designed to meet the base station requirements of digital and analog cellular and PCN radio transmitter applications, where low adjacent channel intermodulation performance, minimal size and cost are important.

Proper operation of this network requires that the I and Q inputs are supplied in precise quadrature. Designers should also note the trade off between dynamic range and intermodulation performance as the modulation drive levels are changed.

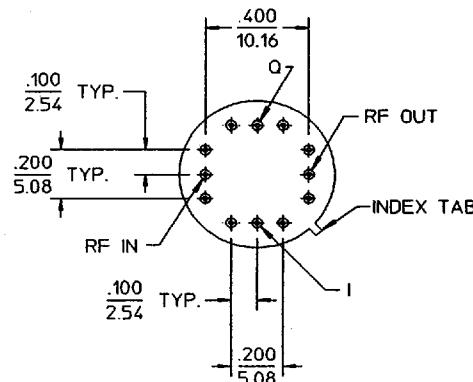
Typical Output Spectrum (for I & Q Inputs of -10 dBm)



TO-8 Package Outline



NOTES: 1. Tolerance on 3 place decimals $\pm .010$ (.25)
except as noted.
2. Dimensions in inches over millimeters.
3. All unmarked pins are internally grounded.



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