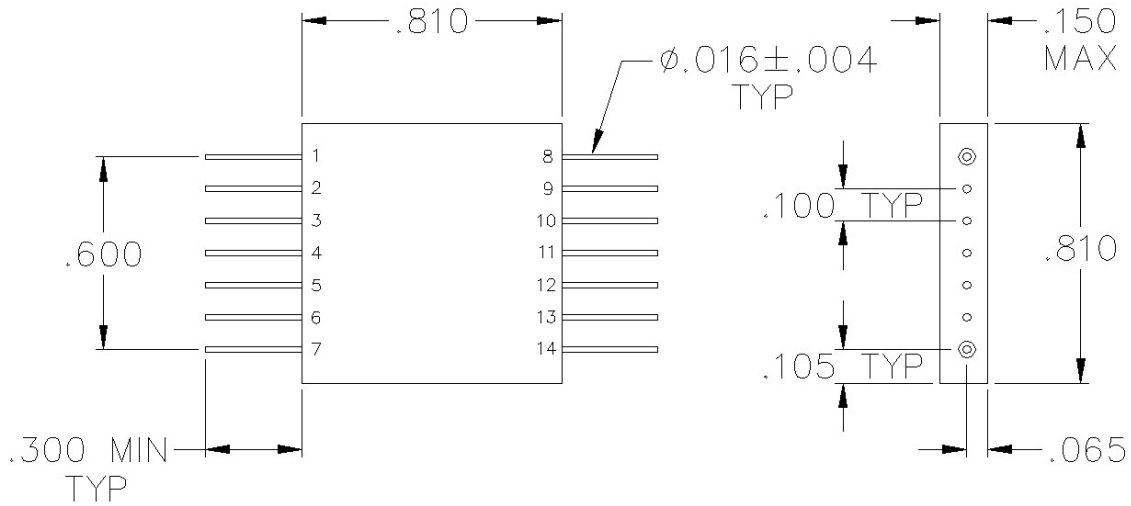


# IM-13-302

## SINGLE SIDEBAND IQ MODULATOR



### SPECIFICATIONS

Name:	IM-13-302
Carrier Frequency (+10 dBm):	935-960 MHz
Modulation Frequency (-10 dBm):	DC-100 MHz
Carrier Power:	+10 dBm nom.
Conversion Loss:	9.0 dB max.
Compression Point:	0 dBm min.
Sideband Rejection:	30 dBc min.
Carrier Rejection:	30 dBc min.
Connector Type:	Pin

### PORT CONFIGURATION

Carrier:	1
Mod. I:	12
Mod. Q:	5
RF Out:	14
Ground:	2-4, 6-11, 13

Single Sideband Modulators do not include baseband quadrature hybrids.  
Lower Sideband is suppressed when modulation frequency Q is +90° relative to modulation frequency I.

This is a commercial off the shelf (COTS) product.  
For an equivalent product that meets DFARS materials compliance, contact sales.  
All specifications are subject to change without notice at any time. Rev: 250614

