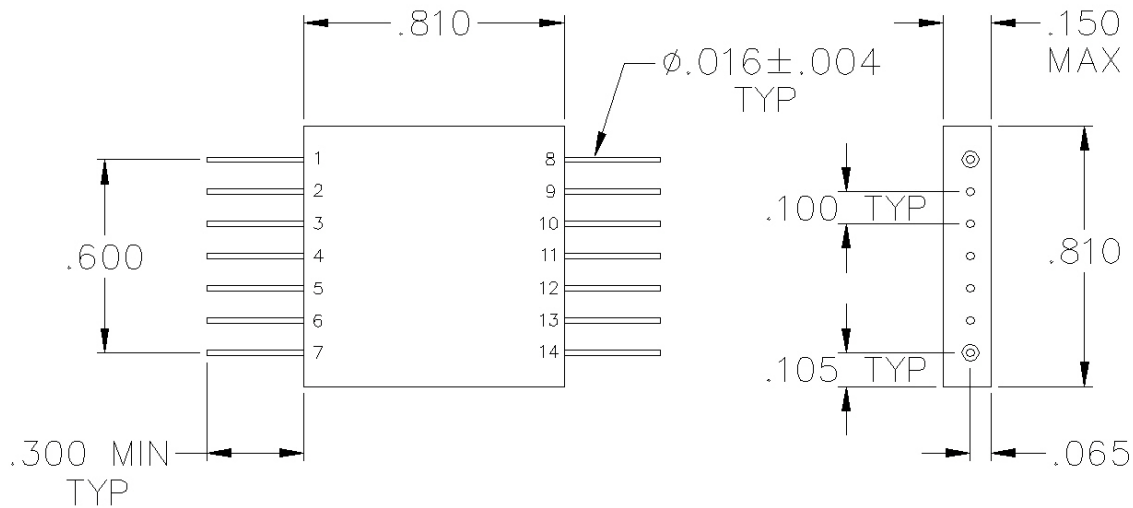


# IMO-08-302

## SINGLE SIDEBAND IQ MODULATOR



### SPECIFICATIONS

Name:	IMO-08-302	Carrier:	1
Carrier Frequency (+10 dBm):	300-550 MHz	Mod. I:	12
Modulation Frequency (-10 dBm):	DC-100 MHz	Mod. Q:	5
Carrier Power:	+10 dBm nom.	RF Out:	14
Conversion Loss:	9.0 dB max.	Ground:	2-4, 6-11, 13
Compression Point:	0 dBm min.		
Sideband Rejection:	25 dBc min.		
Carrier Rejection:	25 dBc min.		
Connector Type:	Pin		

### PORT CONFIGURATION

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: 190403