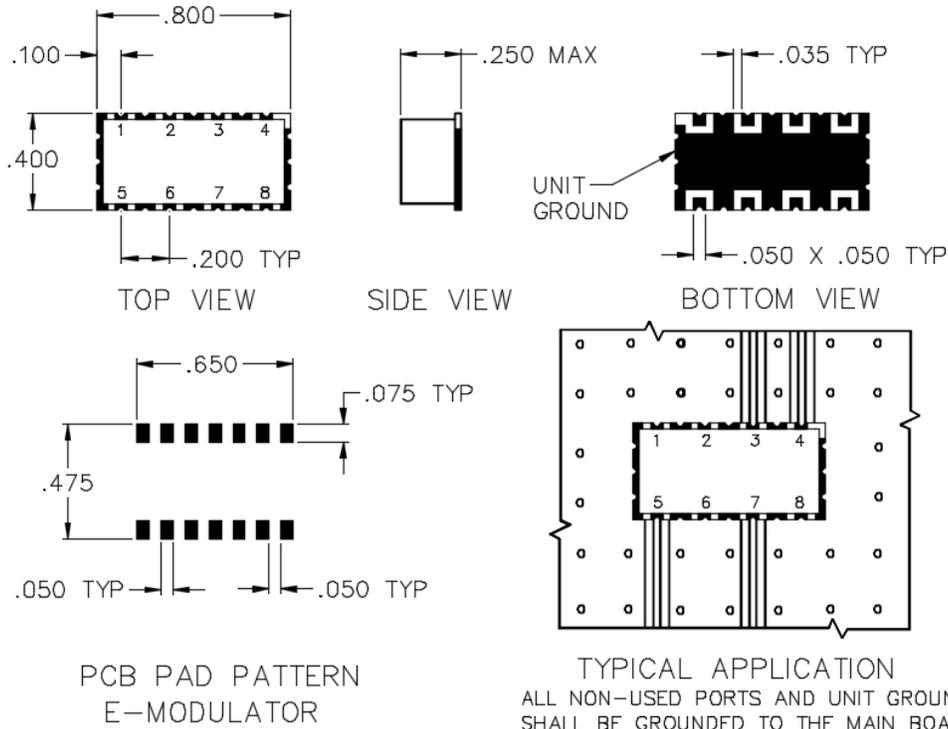


# IM-14-E

## SINGLE SIDEBAND IQ MODULATOR



## SPECIFICATIONS

Name:	IM-14-E	Carrier:	5
Carrier Frequency (+10 dBm):	1425-1575 MHz	Mod. I:	3
Modulation Frequency (-10 dBm):	DC-100 MHz	Mod. Q:	7
Carrier Power:	+10 dBm nom.	RF Out:	4
Conversion Loss:	10.0 dB max.	Ground:	1, 2, 6, 8
Compression Point:	0 dBm min.		
Sideband Rejection:	20 dBc min.		
Carrier Rejection:	20 dBc min.		
Connector Type:	Surface		

## 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: 160203