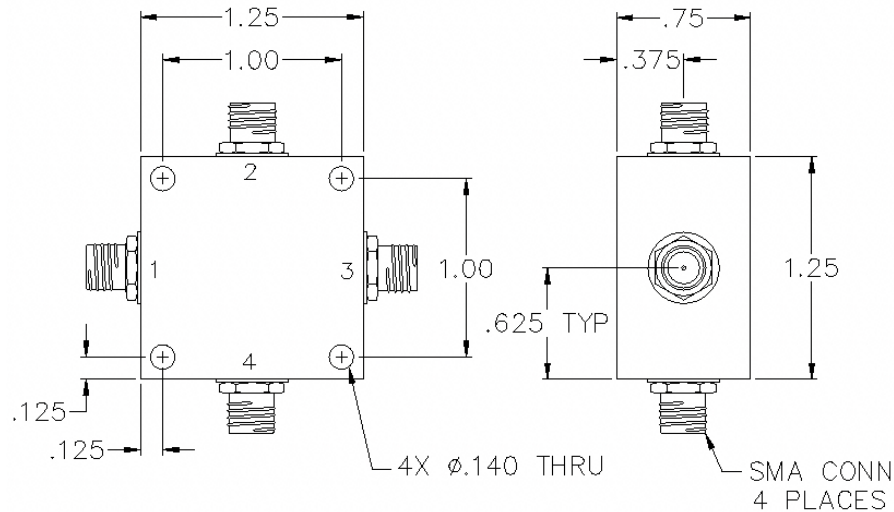


# IM-03-412

## SINGLE SIDEBAND IQ MODULATOR



## SPECIFICATIONS

Name:	IM-03-412	Carrier:	1
Carrier Frequency (+10 dBm):	28.5-31.5 MHz	Mod. I:	2
Modulation Frequency (-10 dBm):	DC-10 MHz	Mod. Q:	4
Carrier Power:	+10 dBm nom.	RF Out:	3
Conversion Loss:	7.5 dB max.	Ground:	Housing
Compression Point:	0 dBm min.		
Sideband Rejection:	30 dBc min.		
Carrier Rejection:	30 dBc min.		
Connector Type:	SMA		

## PORT CONFIGURATION

SMA female connectors standard, also available with BNC, TNC, F, and N connectors.  
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: 220628

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