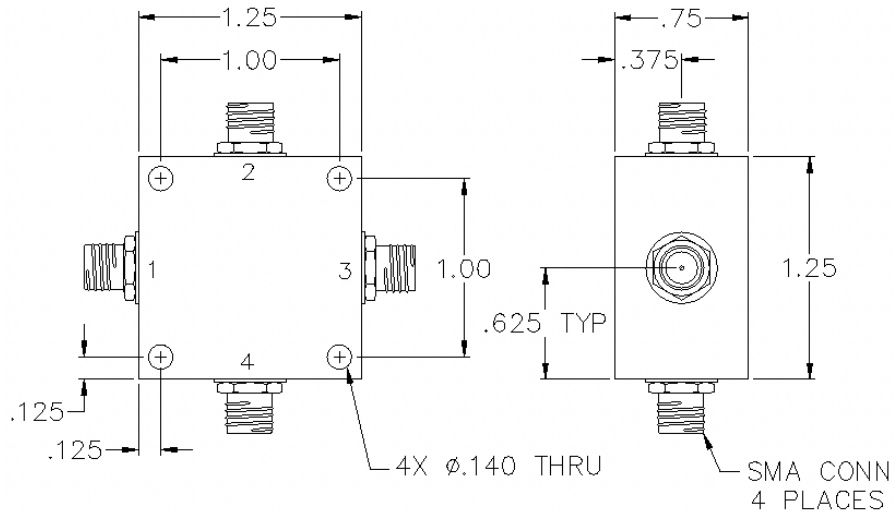


# IMO-06-412

## SINGLE SIDEBAND IQ MODULATOR



### SPECIFICATIONS

Name:	IMO-06-412	Carrier:	1
Carrier Frequency (+10 dBm):	150-280 MHz	Mod. I:	2
Modulation Frequency (-10 dBm):	DC-100 MHz	Mod. Q:	4
Carrier Power:	+10 dBm nom.	RF Out:	3
Conversion Loss:	8.5 dB max.	Ground:	Housing
Compression Point:	0 dBm min.		
Sideband Rejection:	25 dBc min.		
Carrier Rejection:	25 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

www.pulsarmicrowave.com · 48 Industrial St West, Clifton NJ 07012 · Tel: 973-779-6262 · Fax: 973-779-2727 · sales@pulsarmicrowave.com

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