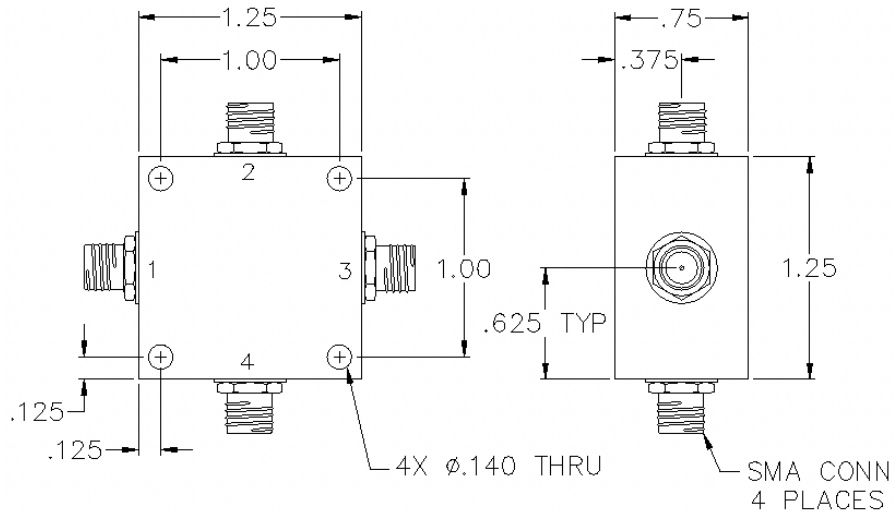


IMO-03-412

SINGLE SIDEBAND IQ MODULATOR



SPECIFICATIONS

Name:	IMO-03-412	Carrier:	1
Carrier Frequency (+10 dBm):	40-80 MHz	Mod. I:	2
Modulation Frequency (-10 dBm):	DC-30 MHz	Mod. Q:	4
Carrier Power:	+10 dBm nom.	RF Out:	3
Conversion Loss:	8.0 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 $+90^\circ$ 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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