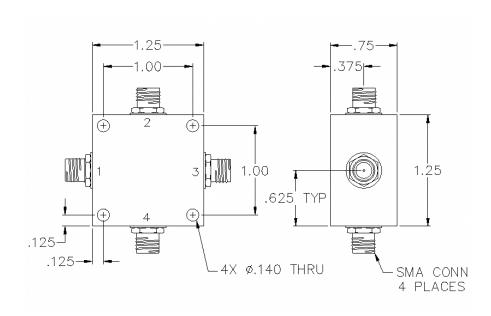
IMO-11-412

SINGLE SIDEBAND IQ MODULATOR





SPECIFICATIONS

PORT CONFIGURATION

Name:	IMO-11-412	Carrier:	1
Carrier Frequency (+10 dBm):	50-250 MHz	Mod. I:	2
Modulation Frequency (-10 dBm):	DC-30 MHz	Mod. Q:	4
Carrier Power:	+10 dBm nom.	RF Out:	3
Conversion Loss:	9.0 dB max.	Ground:	Housing

Compression Point: 0 dBm min.
Sideband Rejection: 25 dBc min.
Carrier Rejection: 25 dBc min.

Connector Type: SMA

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

