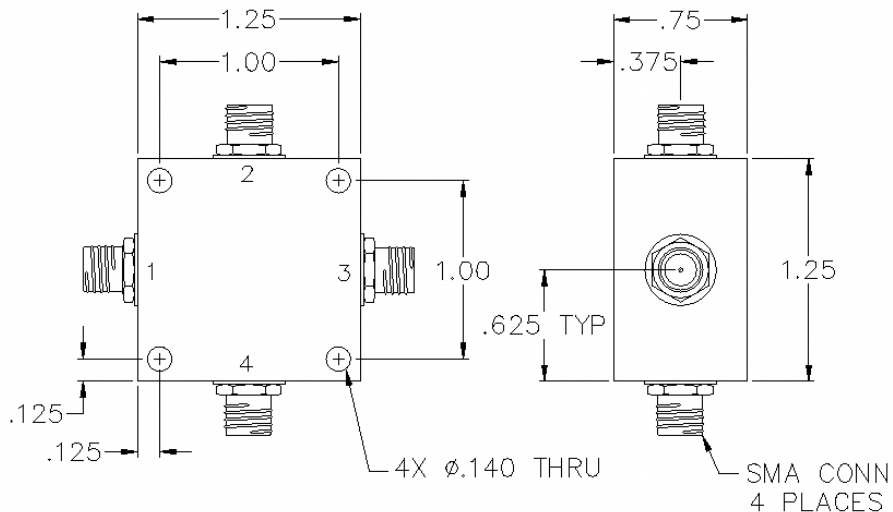


IM-04-412

SINGLE SIDEBAND IQ MODULATOR



SPECIFICATIONS

| | | | |
|---------------------------------|--------------|----------|---------|
| Name: | IM-04-412 | Carrier: | 1 |
| Carrier Frequency (+10 dBm): | 57-63 MHz | Mod. I: | 2 |
| Modulation Frequency (-10 dBm): | DC-20 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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