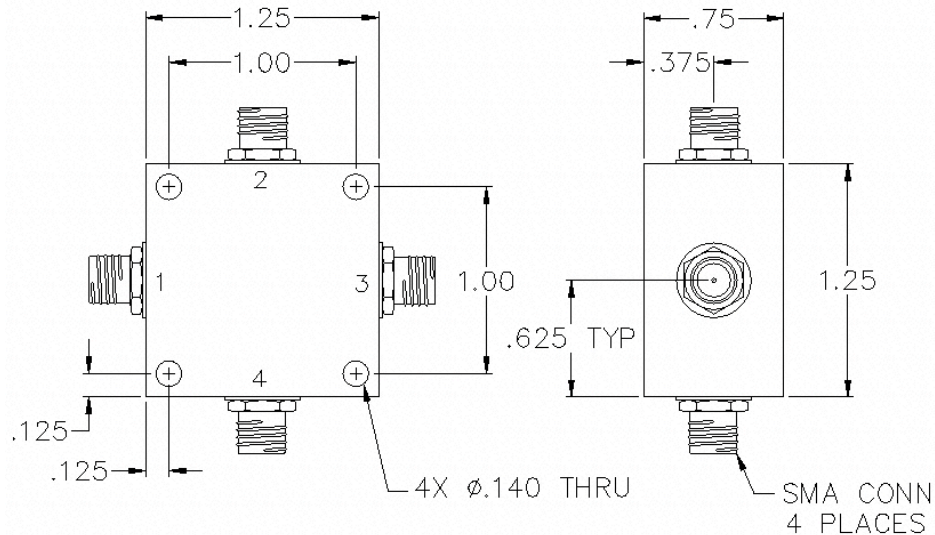


# IR-06-412

## IMAGE REJECT MIXER



### SPECIFICATIONS

|                         |                      |
|-------------------------|----------------------|
| Name:                   | IR-06-412            |
| LO Frequency (+10 dBm): | 30-60 MHz            |
| RF Frequency (-10 dBm): | LO $\pm$ IF (20 MHz) |
| LO Power:               | 10 dBm nom.          |
| Conversion Loss:        | 8.0 dB max.          |
| 1 dB Compression Point: | +3 dBm min.          |
| Image Rejection:        | 25 dBc min.          |
| Connector Type:         | SMA                  |

### PORT CONFIGURATION

|         |         |
|---------|---------|
| LO:     | 1       |
| RF:     | 3       |
| IF1:    | 4       |
| IF2:    | 2       |
| Ground: | Housing |

Image rejection minimum applies to IF1 when RF < LO frequency.  
Image rejection minimum applies to IF2 when RF > LO frequency.

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: 250430

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