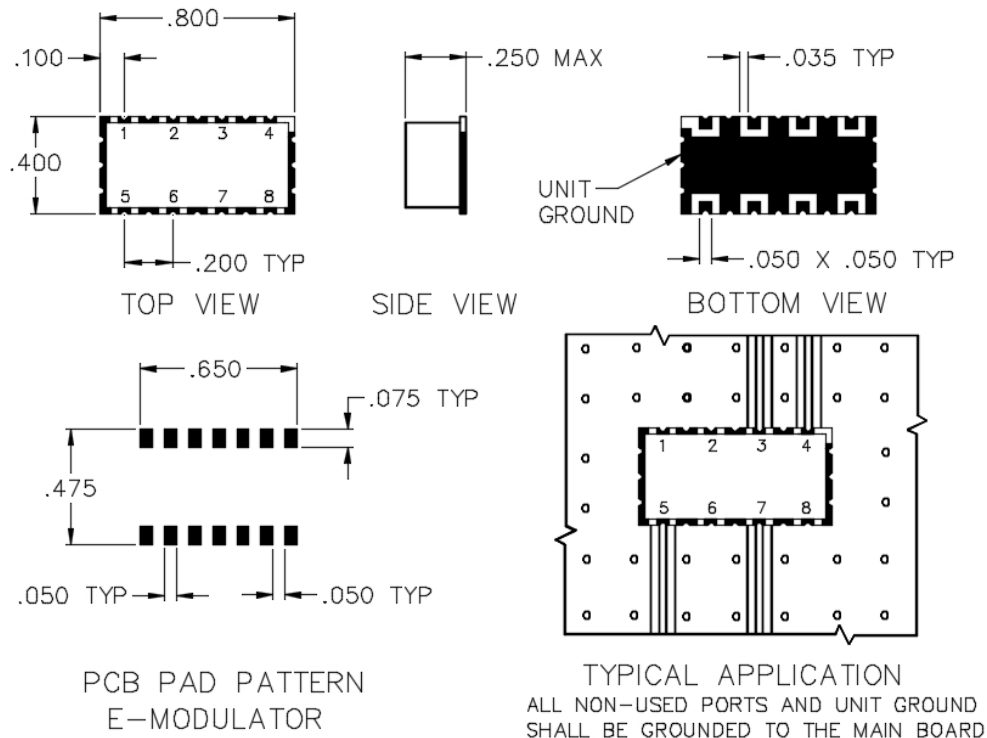


# IM-11-E

## SINGLE SIDEBAND IQ MODULATOR



### SPECIFICATIONS

|                                 |              |
|---------------------------------|--------------|
| Name:                           | IM-11-E      |
| Carrier Frequency (+10 dBm):    | 810-830 MHz  |
| Modulation Frequency (-10 dBm): | DC-100 MHz   |
| Carrier Power:                  | +10 dBm nom. |
| Conversion Loss:                | 9.0 dB max.  |
| Compression Point:              | 0 dBm min.   |
| Sideband Rejection:             | 30 dBc min.  |
| Carrier Rejection:              | 30 dBc min.  |
| Connector Type:                 | Surface      |

### PORT CONFIGURATION

|          |            |
|----------|------------|
| Carrier: | 5          |
| Mod. I:  | 3          |
| Mod. Q:  | 7          |
| RF Out:  | 4          |
| Ground:  | 1, 2, 6, 8 |

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: 160203

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