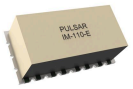
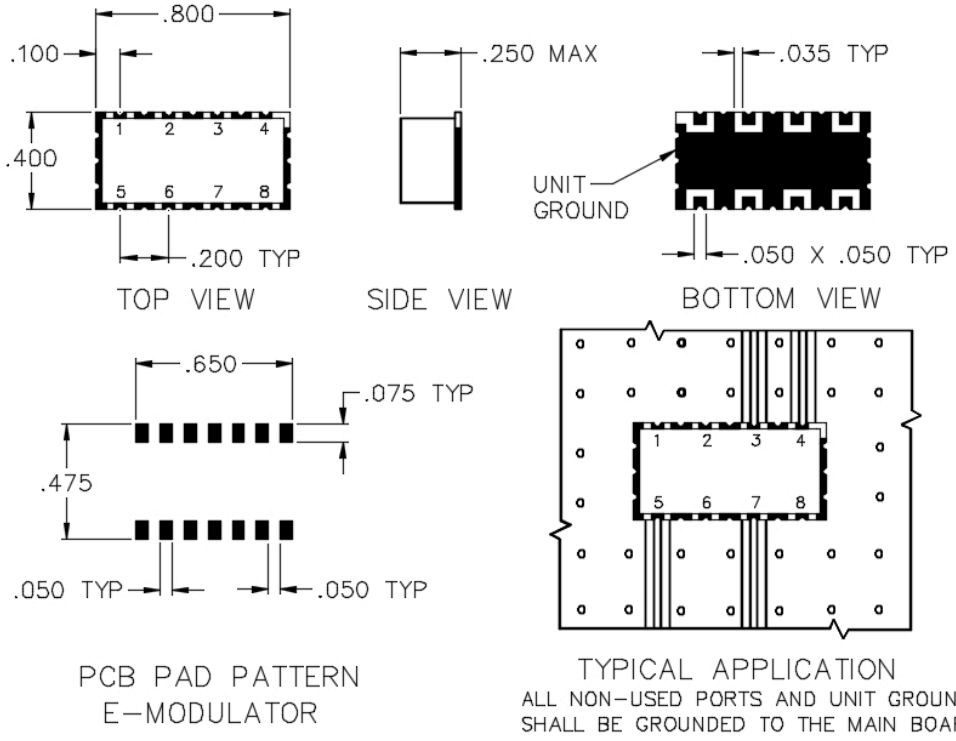
IM-110-E

SINGLE SIDEBAND IQ MODULATOR





SPECIFICATIONS

Name:	IM-110-E
Carrier Frequency (+10 dBm):	100-120 MHz
Modulation Frequency (-10 dBm):	DC-50 MHz
Carrier Power:	+10 dBm nom.
Conversion Loss:	7.5 dB max.
Compression Point:	0 dBm min.
Sideband Rejection:	20 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: 250614

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