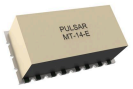
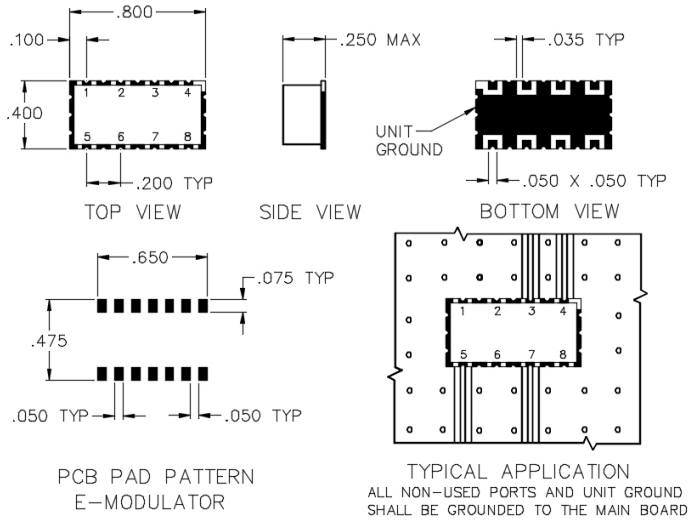
MT-14-E

QUADRAPHASE MODULATOR





SPECIFICATIONS

Name:	MT-14-E
Frequency Range:	1425-1575 MHz
Insertion Loss:	9.0 dB max.
1 dB Compression Point:	+4 dBm min.
Amplitude Balance:	1.0 dB max.
Phase Balance:	7° max.
VSWR:	1.70:1 max.
Package Type:	Surface

Specifications are for a drive current of ± 20 mA.
Maximum RF input power is +10 dBm.
TTL Control option available, contact sales.

PORT CONFIGURATION

Input:	5
Output:	3
D1:	7
D2:	4
Ground:	1, 2, 6, 8

TRUTH TABLE

Phase	D1 (mA)	D2 (mA)
0°	+20	+20
90°	+20	-20
180°	-20	-20
270°	-20	+20

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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