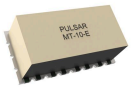
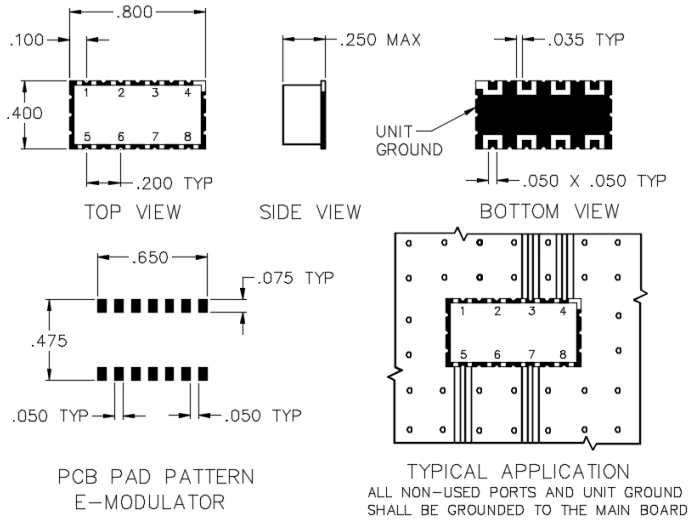
MT-10-E

QUADRAPHASE MODULATOR





SPECIFICATIONS

Name:	MT-10-E
Frequency Range:	380-420 MHz
Insertion Loss:	7.5 dB max.
1 dB Compression Point:	+4 dBm min.
Amplitude Balance:	0.7 dB max.
Phase Balance:	4° 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

www.pulsarmicrowave.com · 48 Industrial St West, Clifton NJ 07012 · Tel: 973-779-6262 · Fax: 973-779-2727 · sales@pulsarmicrowave.com