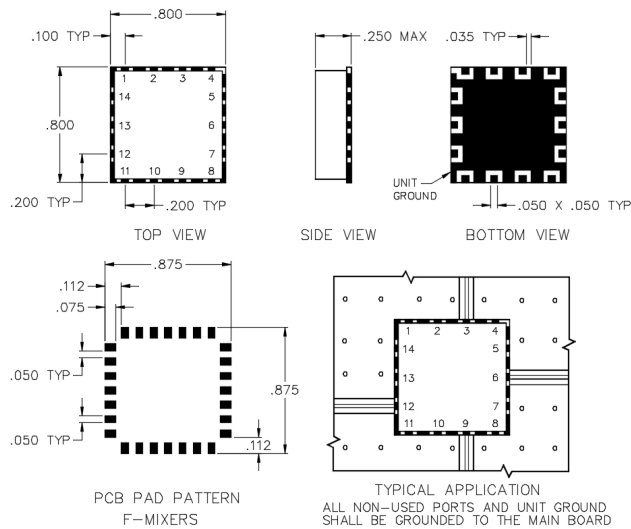


# MO-02-F

## QUADRAPHASE MODULATOR



### SPECIFICATIONS

Name:	MO-02-F
Frequency Range:	20-40 MHz
Insertion Loss:	7.0 dB max.
1 dB Compression Point:	+4 dBm min.
Amplitude Balance:	0.7 dB max.
Phase Balance:	5° max.
VSWR:	1.70:1 max.
Package Type:	Surface

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

### PORT CONFIGURATION

Input:	12
Output:	9
D1:	3
D2:	6
Ground:	All Others

### 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: 160203