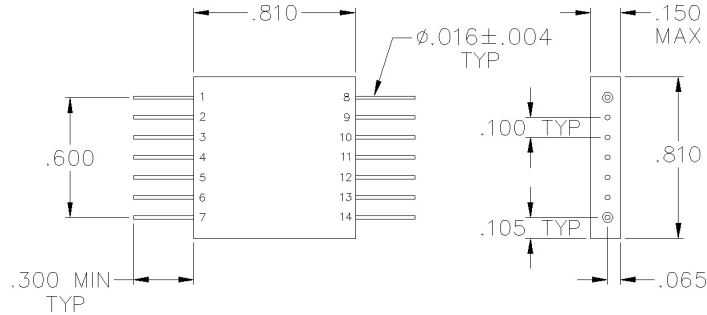


# MT-01-302

## QUADRAPHAASE MODULATOR



### SPECIFICATIONS

Name:	MT-01-302
Frequency Range:	10.2-11.3 MHz
Insertion Loss:	7.0 dB max.
1 dB Compression Point:	+4 dBm min.
Amplitude Balance:	0.4 dB max.
Phase Balance:	2° max.
VSWR:	1.50:1 max.
Package Type:	Pin

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:	1
Output:	14
D1:	5
D2:	12
Ground:	2-4, 6-11, 13

### 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