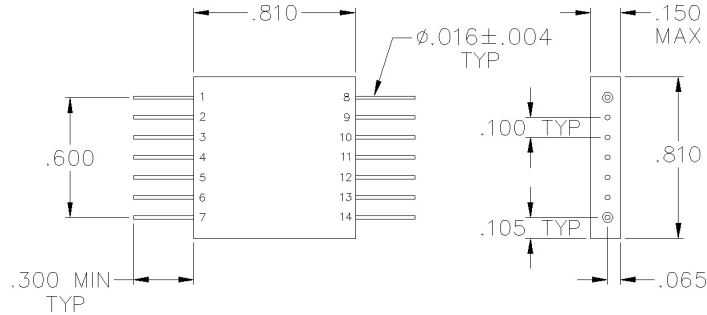


MO-03-302

QUADRAPHASE MODULATOR



SPECIFICATIONS

| | |
|-------------------------|-------------|
| Name: | MO-03-302 |
| Frequency Range: | 40-80 MHz |
| Insertion Loss: | 7.5 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: | Pin |

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: | 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