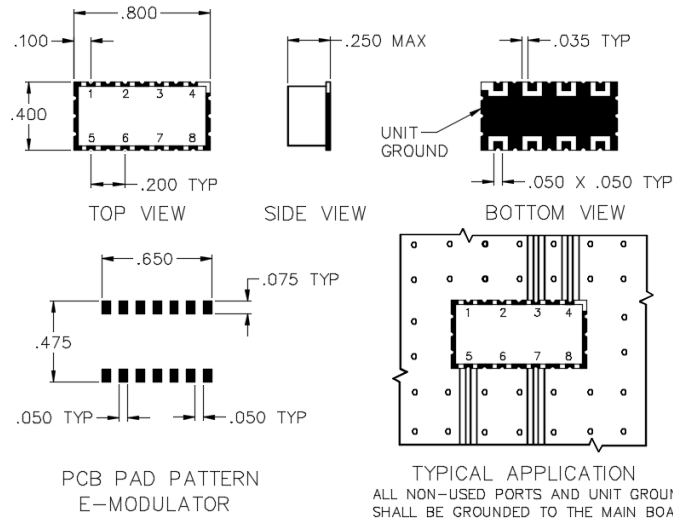


MT-16-E

QUADRAPHASE MODULATOR



SPECIFICATIONS

| | |
|-------------------------|---------------|
| Name: | MT-16-E |
| Frequency Range: | 1805-1880 MHz |
| Insertion Loss: | 9.5 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: 160203

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