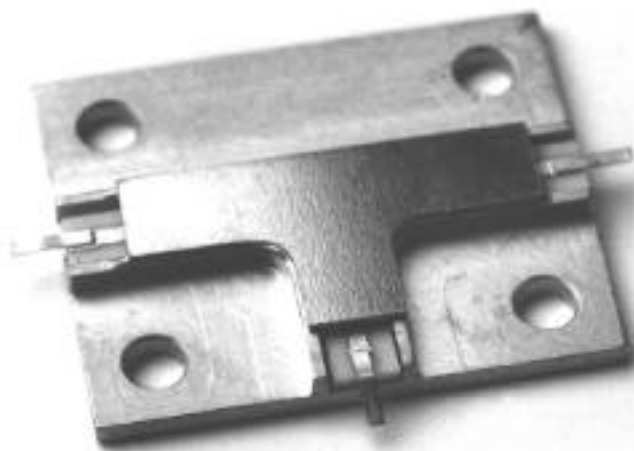


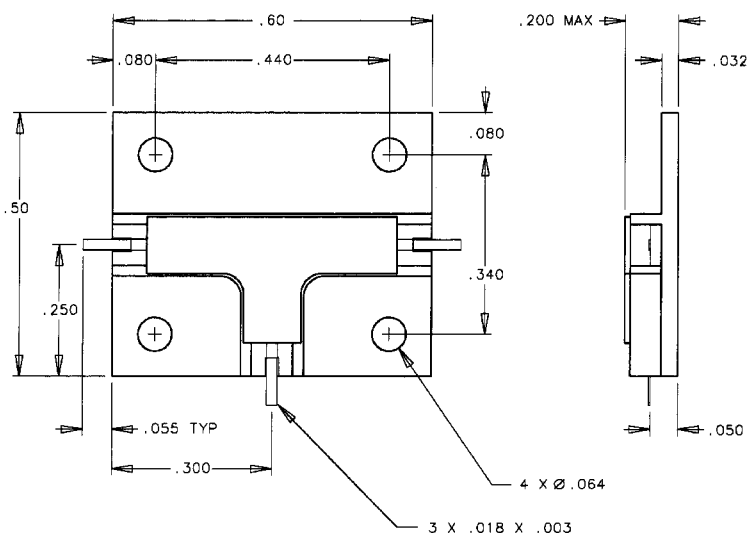
# SINGLE POLE, DOUBLE THROW COMMERCIAL MICROSTRIP MODULES



## ELECTRICAL CHARACTERISTICS

| PART # | TYPE   | FREQ<br>RANGE<br>GHz | LOSS<br>dB | ISO<br>dB | VSWR  | SWITCH<br>SPEED<br>ns | RF<br>POWER<br>dBm | DC<br>SUPPLY<br>Volts |
|--------|--------|----------------------|------------|-----------|-------|-----------------------|--------------------|-----------------------|
| 6912   | SP2T R | 9-10.1               | 1.1        | 50        | 1.5:1 | 1000                  | 40                 | Analog                |
| 6913   | SP2T R | .01-16               | 1.5        | 50        | 1.8:1 | 20                    | 25                 | Analog                |

## PACKAGE OUTLINE



## DESCRIPTION

High isolation transmit/receive switch designed for high frequency applications up to 16 GHz. These modules are ideal for large volume manufacturing.

## ADDITIONAL FEATURES (#6912)

- Two-tone intermodulation distortion
- 2nd order: +55 dBm

## CONNECTORS

- Pin

## OPERATING ENVIRONMENT

- Operating Temperature: 20 to +85°C
- Storage Temperature: -65 to +125°C
- Impedance: 50 ohm
- Control: Analog

## APPLICATIONS

- Point-to-point microwave radio
- High speed modems
- Antenna diversity in cellular/PCS radio units