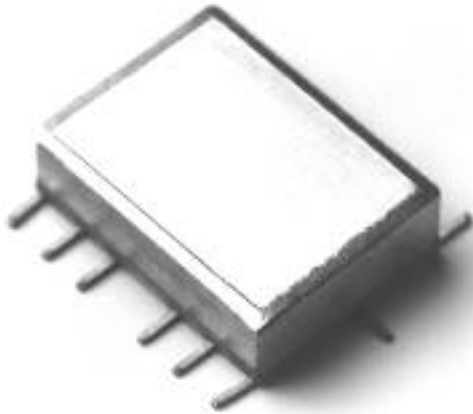


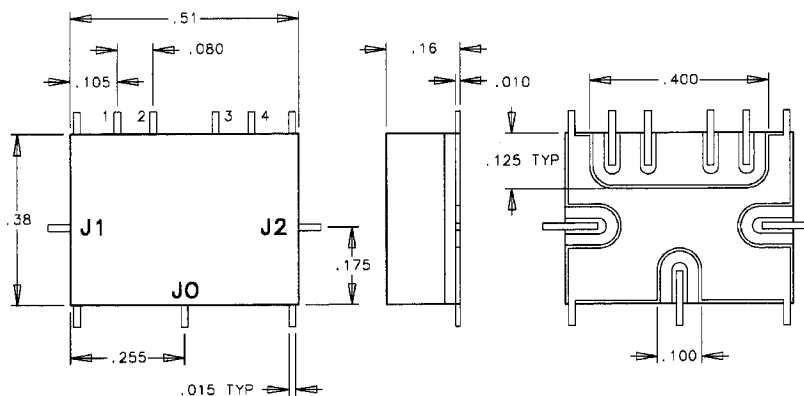
SINGLE POLE, DOUBLE THROW SURFACE MOUNT SWITCHES



ELECTRICAL CHARACTERISTICS

| PART # | TYPE | FREQ RANGE GHz | LOSS dB | ISO dB | VSWR | SWITCH SPEED ns | RF POWER dBm | DC SUPPLY Volts |
|--------|--------|----------------|---------|--------|-------|-----------------|--------------|-----------------|
| 6903 | SP2T R | 5-6 | 0.8 | 40 | 1.7:1 | 125 | 25 | +5, -5 |
| 6904 | SP2T N | .01-1 | 1.0 | 60 | 1.8:1 | 25 | 25 | +5 |
| 6906 | SP2T R | .1-2 | 0.4 | 60 | 1.5:1 | 2000 | 43 | +5,-28 |
| 6909 | SP2T R | .5-4 | 0.5 | 50 | 1.5:1 | 125 | 25 | +5, -5 |

PACKAGE OUTLINE



DESCRIPTION

These surface mount switches provide a low cost solution for applications above 2 GHz where the performance of plastic packaging generally degrades. Each switch is easily mounted to microstrip sub-assemblies and features hermetic, military/industrial design.

ADDITIONAL FEATURES (#6906)

■ -1 dB compression of +40 dBm

CONNECTORS

■ Surface mount

OPERATING ENVIRONMENT

■ Operating Temperature: -55 to +125°C

■ Storage Temperature: -65 to +150°C

■ Impedance: 50 ohm

■ Control: Transistor-Transistor Logic (TTL)

APPLICATIONS

■ High speed digital communication systems

■ Transmit/receive:

□ Cellular

□ Personal

Communication Systems (PCS)

□ Industrial, Scientific & Medical (ISM) Systems