

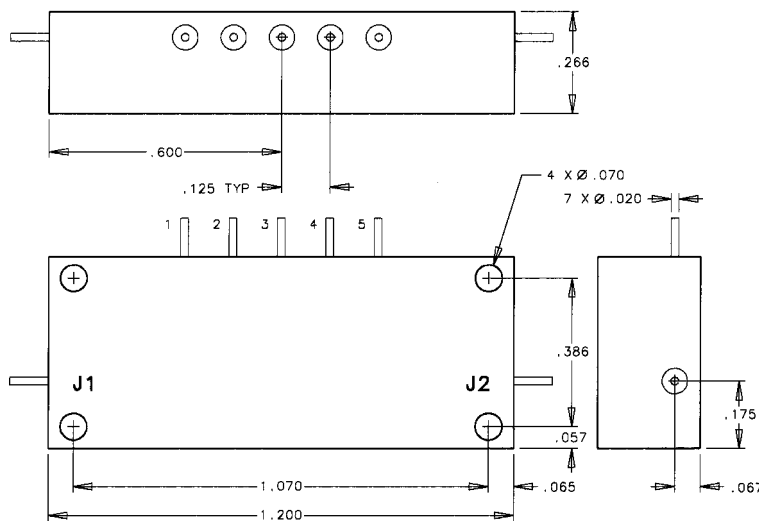
# SINGLE POLE, SINGLE THROW DROP-IN MODULES WITH DRIVERS



## ELECTRICAL CHARACTERISTICS

PART #	TYPE	FREQ RANGE GHz	LOSS dB	ISO dB	VSWR	SWITCH SPEED ns	RF POWER dBm	DC SUPPLY Volts
6008	SPST N	.025-.035	4.0	90	1.5:1	1	10	+5, -5
6009	SPST N	.005-.5	7.0	60	1.5:1	2	10	+5, -5

## PACKAGE OUTLINE



## DESCRIPTION

High performance, low distortion switches ideal for use in sensitive receivers where high speed and low video feed-through are required. These drop-in modules eliminate some of the problems associated with GaAs FET switches, such as spurious noise and inconsistent rise and fall times. They are also designed to protect low noise amplifiers. The switch and driver are extremely compact, making these modules ideal for applications where space is at a premium. Hermetic, military/industrial design.

## ADDITIONAL FEATURES (#6008)

- Video feed-through: 10 mV peak

## CONNECTORS

- Pin

## OPERATING ENVIRONMENT

- Operating Temperature: -55 to +125°C
- Storage Temperature: -65 to +150°C
- Impedance: 50 ohm
- Control: Transistor-Transistor Logic (TTL)

## APPLICATIONS

- Satellite receivers
- Electronic Intelligence (ELINT)
- Tracking radar