

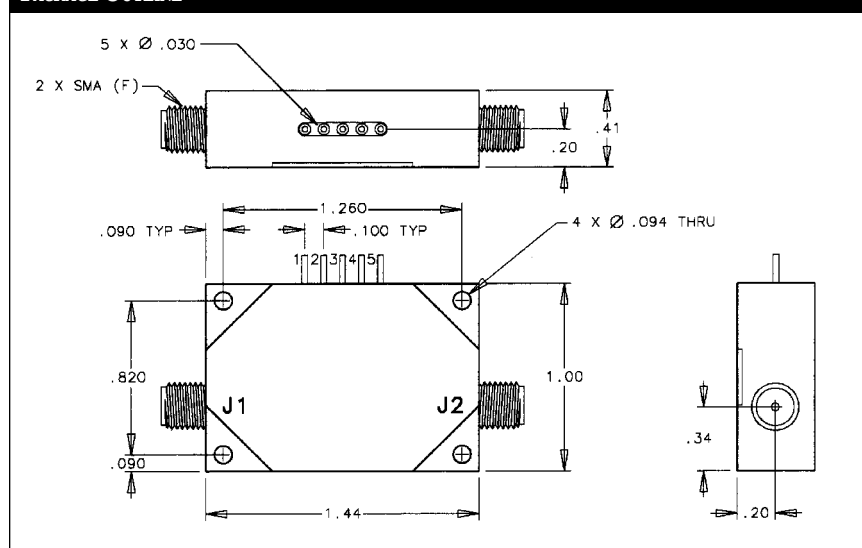
SINGLE POLE, SINGLE THROW CONNECTORIZED SWITCHES



ELECTRICAL CHARACTERISTICS

PART #	TYPE	FREQ RANGE GHz	LOSS dB	ISO dB	VSWR	SWITCH SPEED ns	RF POWER dBm	DC SUPPLY Volts
6034	SPST R	.03-1	1.0	35	1.5:1	1000	43	+5,-28
6037	SPST N	.03-1	1.3	50	1.5:1	200	25	+5,-5
6042	SPST N	1-18	3.5	60	2.0:1	35	30	+5,-15
6045	SPST R	1-18	3.0	65	2.0:1	20	25	+5,-5

PACKAGE OUTLINE



DESCRIPTION

High performance broadband switches featuring fast switching speed and/or high power handling and low distortion. These switches are especially useful in highly-sensitive, high dynamic range receivers. Hermetic, military/industrial design.

ADDITIONAL FEATURES (#6034)

- Two-tone intermodulation distortion
- 2nd order: +100 dBm
- 3rd order: +65 dBm

CONNECTORS

- SMA

OPERATING ENVIRONMENT

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

APPLICATIONS

- Radar blanking
- Electronic Intelligence (ELINT)