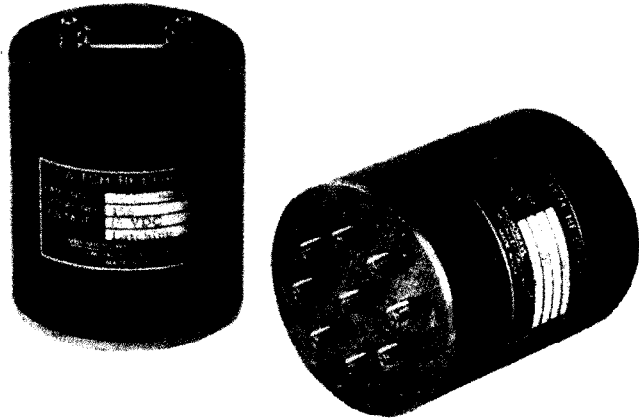


SP8T TERMINATED COAXIAL SWITCH WITH BCD CONTROL

Model Number 3804-13-3364 is a SP8T coaxial latching electromechanical switch. It contains electronics to decode binary signals, enabling any TTL compatible binary coded signal to actively select any port while deselecting all others (or clear all positions) with a current pulse of 1.5 amp max. It also features drivers with self cutoff circuitry. An internal 5V regulator allows only the basic power supply (12-28 VDC) to be used for logic control. This model employs matched 50 ohm terminations for all unused ports.

**TECHNICAL DATA****TYPICAL PERFORMANCE**

Frequency range	DC-3 GHz	3-8 GHz	8-12.4	12.4-16
VSWR	20 dB	17 dB	15 dB	14 dB
Isolation	80 dB	70 dB	60 dB	60 dB
Insertion loss	0.2 dB	0.3 dB	0.4 dB	0.5 dB

- Actuating voltage (nom) 15 VDC
- Operating range 12 - 18 VDC
- Actuating current 1.5 AMP max.*
- Switching Time 20 ms maximum
- RF power 5 watts
- Operating temperature 0° C to +85° C
- Storage temperature -50° C to +85° C
- RF connectors SMA female
- Power connectors 9 pin D type connector standard
- Switching Action Latching, self cutoff
- Internal termination All unselected ports terminated into 50 ohm impedance with 1.5:1 max VSWR
- Mounting See drawing
- Weight 20 ounces

*Each coil draws maximum 150 mA.

APPLICATIONS

Model Number 3804-13-3364 has been uniquely designed for matrix as well as automatic test equipment use featuring a small package while achieving optimum performance.

For other mounting configurations, current requirements or custom specifications consult factory.