

SP5T Reflective Miniature Switch with TTL Compatible Driver, 0.5 to 18.0 GHz

MASWML0026

Features

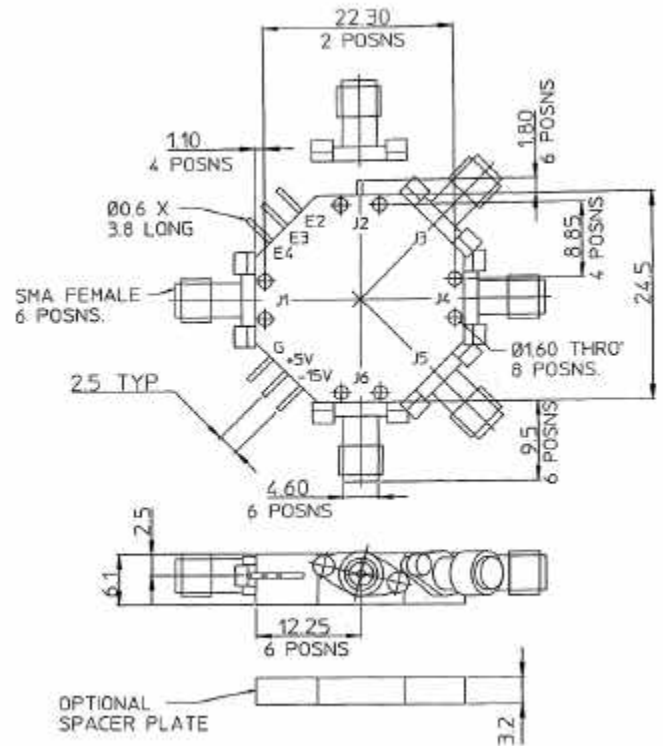
- Broad Band Frequency
- Miniature Outline
- Field Removable Connectors
- Hermetically Sealed Housing
- High Isolation
- TTL Compatible
- Fast Switching

Other Mechanical

It has 6 field replaceable SMA female connected for RF in/out connections. DC connections and TTL controls are supplied through solder pins. This device is supplied with silver finish.

Description

This SP5T reflective switch offers high Isolation & Low Insertion in a miniature outline package. This switch has an integral TTL compatible driver with fast switching. It also consists of 3 decoded TTL control inputs. This switch is supplied with field removable connectors. This device can be also integrated directly in the microstrip circuit without connectors. It is a proven design for harsh environments and is suitable for Airborne, Naval & Ground base applications



Electrical Performance

(Applies over the frequency range @ +25 °C, output load impedance of 50 ohms. Unless otherwise stated limits & conditions are indicated values.)

Type	Frequency (GHz)	I/Loss max (dB)	Isolation min (dB)	R/Loss min (dB)	S. Speed max (ns)	I/P Power max (mw)	Logic	Power Supply V & mA	Dimensions (Ex-Con) mm	Operating Temp °C	Storage Temp °C
SP5T (Miniature)	0.5 - 18.0	3.3	60	9.5	30	100	3 decoded TTL control inputs	+5 -15 140 50	24.5x24.5x6.1	-55 to +85	-55 to +125

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