SP3T Reflective Miniature Switch with TTL Compatible Driver, 0.5 to 18.0 GHz

V 1.00

MASWML0023

Features

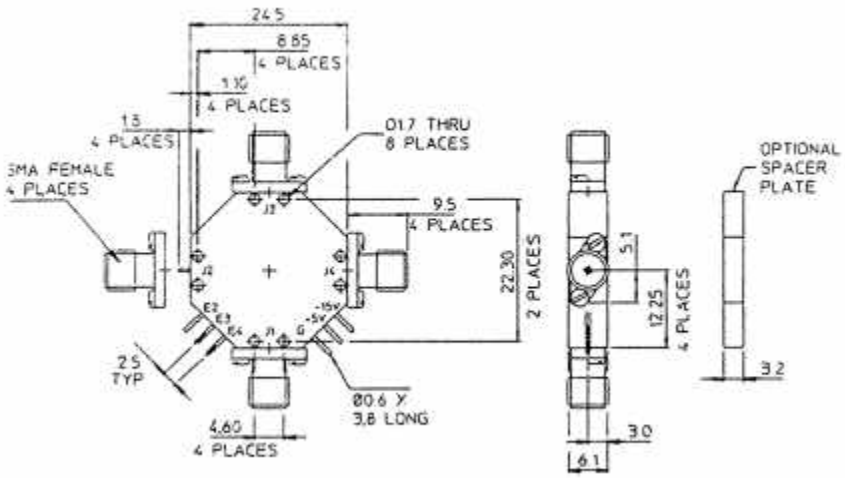
- Broad Band Frequency
- Miniature Outline
- Field Removable Connectors
- Hermetically Sealed Housing
- High Isolation
- TTL Compatible
- Fast Switching

Description

This SP3T 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 three independent TTL control. 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.

Other Mechanical

It has 4 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.



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	Oper-ating Temp °C	Storage Temp °C
SP3T	0.5 - 18.0	2.9	60	9.5	30	100	Each ch. '0'=Insertion Loss TTL '1'=Isolation	+5 -15 100 50	24.5x24.5x6.1	-55 to +85	-55 to +125

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