M/A-COM

SP6T Reflective Switch with TTL Compatible Driver, 0.85 to 18.0 GHz

V 1.00
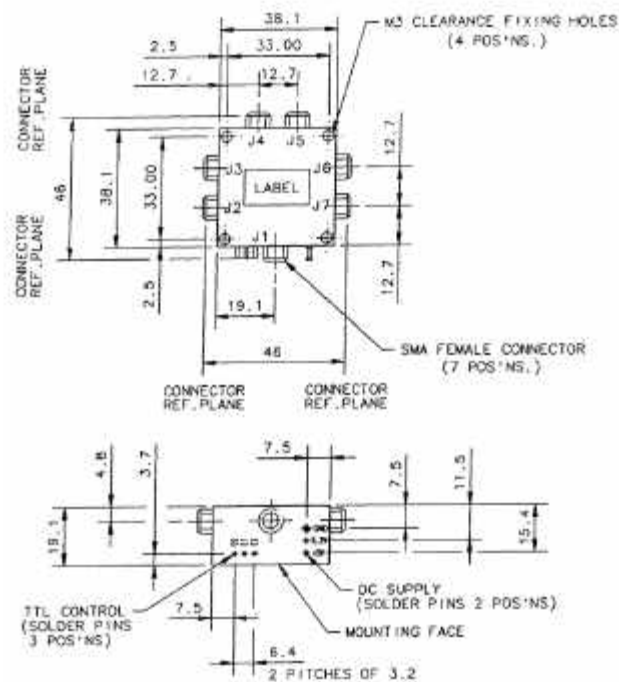
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Features

- Broad Band Frequency
- SMA Connectors
- Hermetically Sealed Housing
- High Isolation
- TTL Compatible

Other Mechanical

SMA Female connectors for RF ports and Solder pins for TTL & DC connections. This device is painted with black epoxy finish.

Description

This SP6T reflective switch offers high Isolation & Low Insertion. The switch has an integral TTL compatible driver. It also consists of 3 Bits parallel TTL controls (3 control pins). This switch is supplied with SMA connectors. It is a proven design for ESM application. It is also 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	Oper-ating Temp °C	Storage Temp °C
SP6T	0.85 - 18.0	4.0	55	9.5	900	100	3 Bits parallel TTL	+5 -5.2 190 50	38.1x38.1x19.1	0 to +100	-40 to +100

Visit www.macom.com for additional data sheets and product information.

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