SPDT Reflective Switch
10.5 to 13.5 GHz

V 1.00

MASWML0017

Features

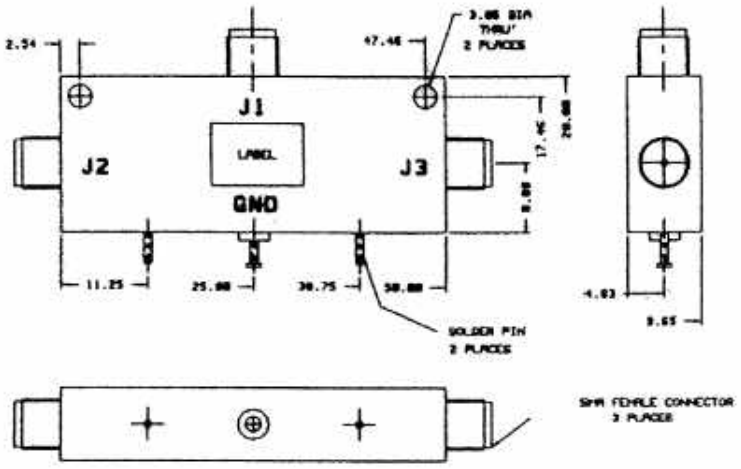
- SMA Connectors
- High Input RF Power
- Internal DC Bias Circuitry
- Hermetically Sealed Housing
- High Isolation
- Fast Switching

Description

This SPDT reflective switch offers a 3 W cw RF input power handling capability. It has two independent DC bias control to drive both channels. The switch provide fast switching and high Isolation. It is a proven design for harsh environments and is suitable for Airborne, Naval & Ground base applications.

Other Mechanical

SMA Female connectors for RF ports and Solder pins for bias & DC connections. This device is painted with black epoxy 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
SPDT	10.5 - 13.5	1.7	65	11.7	30	3 W (CW)	-5 to -15V for L .Loss & R. Loss +1V (50mA max) for Isolation (DC Bias only)	-5 1 to 15 0.5 50	50x20x9.8	-55 to +110	-55 to +125

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- **North America:** Tel. (800) 366-2266
- **Asia/Pacific:** Tel.+81-44-844-8296, Fax +81-44-844-8298
- **Europe:** Tel. +44 (1908) 574 200, Fax+44 (1908) 574 300

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