



0160A0018B111M

Coaxial Switch

18GHz SMA(F) 12VDC SPDT Failsafe TTL Coaxial Switch

Features

- ✓ High Repeatability
- ✓ Low VSWR



Electrical Specifications

Frequency	DC-18GHz
VSWR	1.2:1(Max.)@DC-3GHz
	1.3:1(Max.)@3-6GHz
	1.4:1(Max.)@6-12.4GHz
	1.5:1(Max.)@12.4-18GHz
Insertion Loss	0.2dB(Max.)@DC-3GHz
	0.3dB(Max.)@3-6GHz
	0.4dB(Max.)@6-12.4GHz
	0.5dB(Max.)@12.4-18GHz
Isolation	75dB(Min.)@DC-3GHz
	70dB(Min.)@3-6GHz
	60dB(Min.)@6-18GHz
Power Handling	85W CW@DC-3GHz
	50W CW@3-6GHz
	30W CW@6-12.4GHz
	20W CW@12.4-18GHz
Impedance	50Ohm
Operating Voltage/Current	DC12V/240mA
Operating Life	1,000,000 Cycles (Min.)
Switching Time	15ms
Actuation	Failsafe
Coaxial Connection	SMA Female

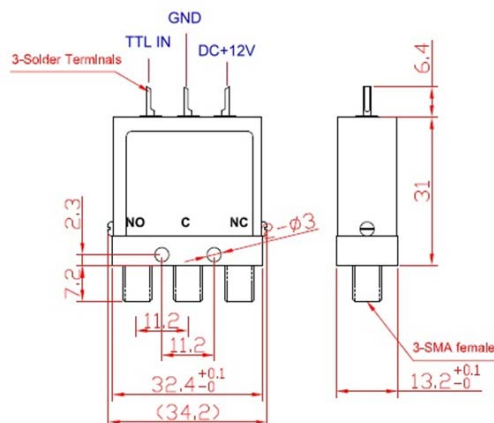
Environmental

Operating Temperature	-55°C~85°C
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Material

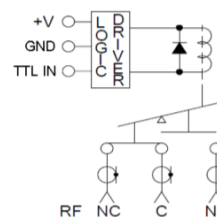
Part	Material	Plated
SMA Connector	Brass	Nickel

Outling Drawing (Unit:mm)



SP3T-SP6T Schematic show

Failsafe TTL Control



當TTL IN 輸入為低電壓 (0-0.8V) 時，開關不動作，此時C與NC連接 (C與NO 斷開)

當TTL IN 輸入為高電壓 (2.5-5.0V) 時，開關動作，此時C與NO連接 (C與NC 斷開)

TTL IN 最大輸入電壓不得超過DC 6V

DC 12V電壓範圍DC 11-13V

接線順序：依次GND->+12V->TTL IN

拆線順序：依次 TTL IN->+12V->GND

請將switch固定在具有散熱功能的鋁板上使用

All Specification Changed Without Notification.