

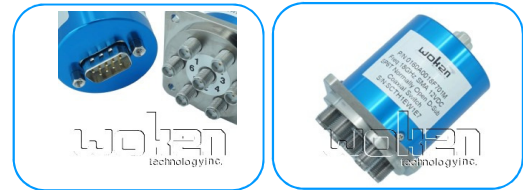
0160A0018F701M

Coaxial Switch

18GHz SMA 12VDC SP6T Normally Open D-Sub 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.)@6-12GHz
	1.5:1 (Max.)@12-18GHz
Insertion Loss	0.2dB(Max.)@DC-3GHz
	0.3dB(Max.)@3-6GHz
	0.4dB(Max.)@6-12GHz
	0.5dB(Max.)@12-18GHz
Isolation	75dB(Min.)@DC-3GHz
	70dB(Min.)@3-6GHz
	65dB(Min.)@6-12GHz
	60dB(Min.)@12-18GHz
Power Handling	100W CW@DC-3GHz
	80W CW@3-6GHz
	50W CW@6-12GHz
	40W CW@12-18GHz
Impedance	50Ohm
Operating Voltage/Current	DC12V/270mA
Operating Life	1,000,000 Cycles (Min.)
Switching Time	15ms
Actuation	Normally Open
Coaxial Connection	SMA Female

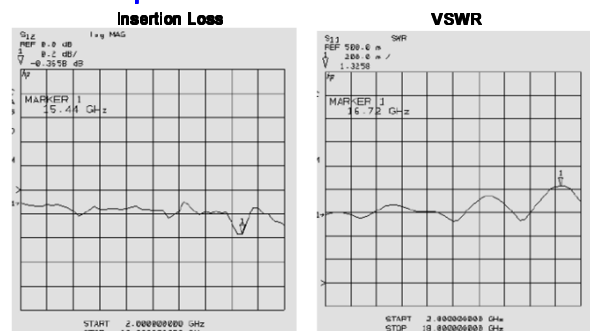
Environmental

Operating Temperature	-30°C~65°C
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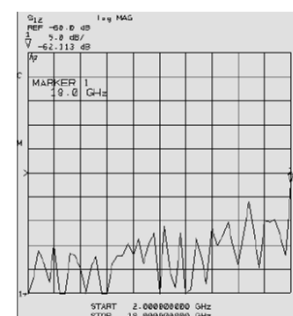
Material

Part	Material	Plated
SMA Connector	Brass	Nickel

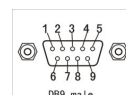
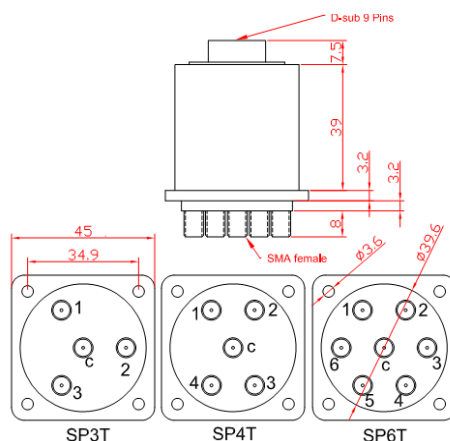
Test Report



Isolation



Outling Drawing (Unit:mm)



D- Sub 9 Pins

Pin 1-BE1

Di-2-BF₃

1000

FMS-1315

Pin 4-RF4

Pin 5-RF5

Pin 6-RF 6

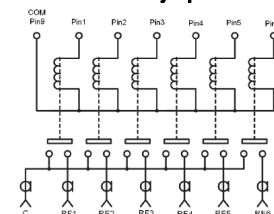
Pin 7-Free

Pin 8-Free

Pin 9-COM

SP3T-SP6T Schematic show

Normally Open



- 1.5P3T-6T 為 Normally Open Type (常開型—不施加電壓，RF 通連與 C 為斷開狀態)，給其中一路施加控制電壓或控制信號，該路信號將與 C 端導通
- 2.同一時間只能有一路導通或全部斷開，給二路或以上施加電壓或控制信號將使開關失調動作，並可能造成設備損壞
- 3.P3T-6T 同軸切換器在 RF 輸入功率 ≤ 50 W 時允許切換（帶 RF 的率切換），大約 50W 的 RF 信號應採用 1/4 英寸（不帶 RF 信號進行切換）方式，否則將縮短同軸切換器使用壽命

Note. 請將switch固定在具有散熱功能的鋁板上使用
另有含固定鋁板支架款可供選擇