

0161A0018F711M

Coaxial Switch

18GHz SMA 12VDC SP6T Normally Open D-Sub TTL Coaxial Switch with Cooling Bracket

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
	60dB(Min.)@6-18GHz
Power Handling	100W CW@DC-3GHz
	80W CW@3-6GHz
	50W CW@6-12GHz
	40W CW@12-18GHz
Impedance	50Ohm
Operating Voltage/Current:	DC12V/300mA
Operating Life	1,000,000 Cycles (Min.)
Switching Time	15ms
Actuation	Normally Open
Coaxial Connection	SMA Female

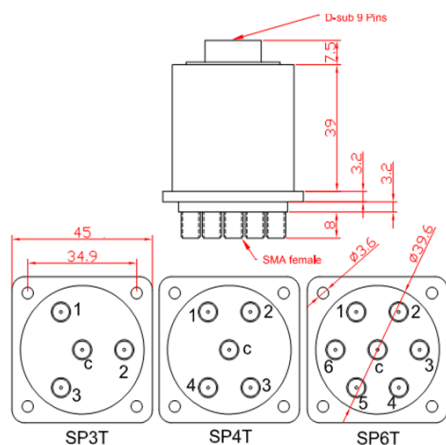
Environmental

Operating Temperature	-30°C~65°C
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Material

Part	Material	Plated
Housing	Aluminum	Blue
Connector	Stainless Steel	
Cooling Bracket	Aluminum	

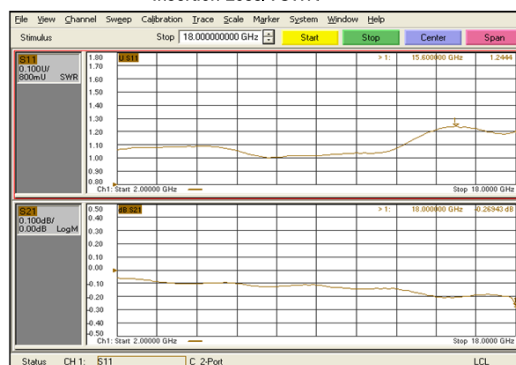
Outling Drawing (Unit:mm)



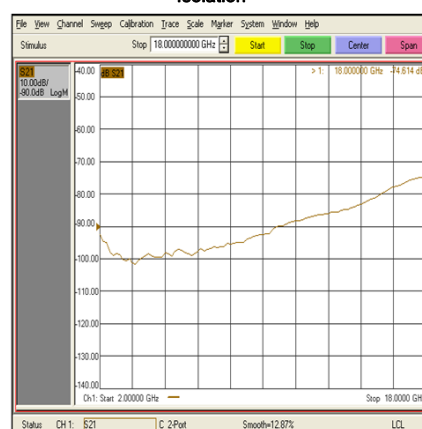
Note: 請將switch固定在具有散熱功能的鋁板上使用
另有含固定鋁板支架款可供選擇

Test Report

Insertion Loss/VSWR

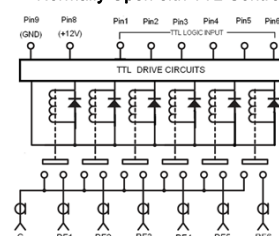


Isolation



SP3T-6T Schematic show

Normally Open with TTL Control



- 1.SP3T-6T 為Normally Open Type (常開型—不能加電壓，RF 通道與C為斷開狀態)，給其中一路能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，給二路或以上能加電壓或控制信號將使開關失隔離作用，並由可能造成切換器損壞
- 3.SP3T-6T 同軸切換器在RF輸入功率<5W時允許熱切換（帶RF功率切換），大於5W的 RF信號應採用 冷切換（不帶RF信號進行切換）方式，否則將縮短切換器的使用壽命

All Specification Changed Without Notification.