



0160A0006H701M

Coaxial Switch

6GHz SMA 12VDC SP8T Normally Open D-Sub9 Coaxial Switch

Features

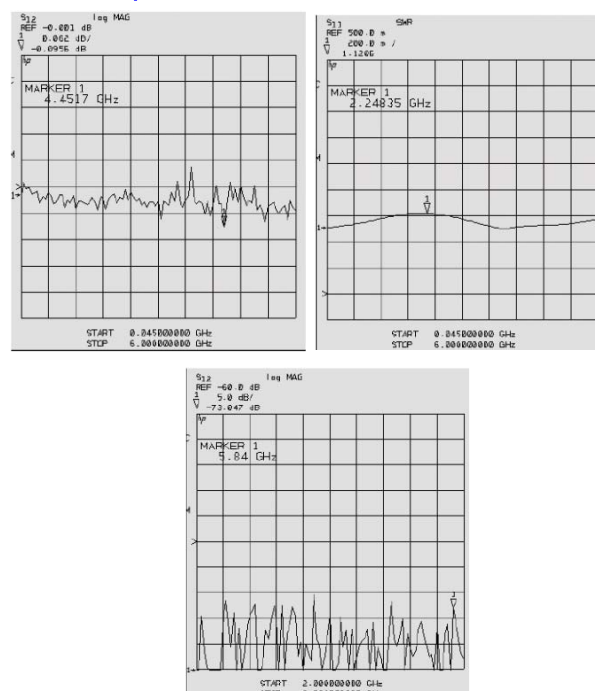
- High Repeatability
- Low VSWR



Electrical Specifications

Frequency	DC-6GHz
VSWR	1.2:1(Max.)@DC-3GHz 1.3:1(Max.)@3-6GHz
Insertion Loss	0.2dB(Max.)@DC-3GHz 0.3dB(Max.)@3-6GHz
Isolation	75dB(Min.)@DC-3GHz 70dB(Min.)@3-6GHz
Power Handling	80W CW@DC-3GHz 60W CW@3-6GHz
Impedance	50Ohm
Operating Voltage/Current:	DC12V/270mA
Operating Life	1,000,000 Cycles (Min.)
Switching Time	15ms
Actuation	Normally Open
Coaxial Connection	SMA Female

Test Report



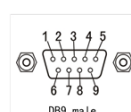
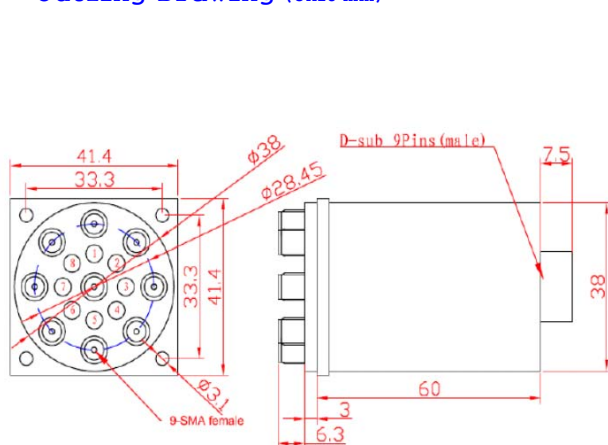
Environmental

Operating Temperature	-35°C~65°C
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Material

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

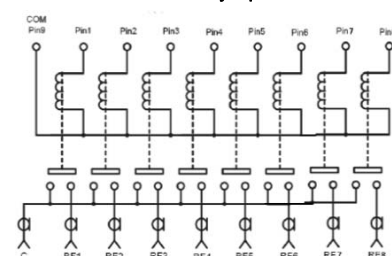
Outling Drawing (Unit:mm)



- D-Sub 9Pins
- Pin 1-RF1
- Pin 2-RF2
- Pin 3-RF3
- Pin 4-RF4
- Pin 5-RF5
- Pin 6-RF 6
- Pin 7-RF7
- Pin 8-RF8
- Pin 9-COM

SP8T Schematic show

Normally Open



- SP8T 為Normally Open Type (常開型—不施加電壓，RF 通道與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。
- 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隔離作用，並可能造成切換器損壞。
- SP8T 同軸切換器在RF輸入功率<SW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。

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

All Specification Changed Without Notification.