

# SAC1274

## SP16T Module, Reflective Switch 1~6GHz

Pre 1.0

### Features

- Frequency: 1~6GHz
- Insertion Loss:5dB
- Isolation: 50dB
- Supply Voltage: +5V@600mA, -15V@150mA

### Typical Applications

- Radar and ECM
- RF/ Microwave Radio
- Military and Space
- Test and Measurement
- Fiber Optics

### General Description

SAC1274 is a SP16T reflective switch module with a insertion Loss of 5dB, 50 dB isolation.

### Electrical Performance

Parameter	Min.	Typ.	Max.	Units
Frequency Range	1~6			GHz
Insertion Loss	—	—	5	dB
VSWR	—	1.4	2.0	:1
Isolation	50	—	—	dB
Input Power	—	—	27	dBm
Switch Time	—	—	50	ns
DC Power Supply @ +5V/-15V	—	—	600/150	mA
Package	Coaxial			
Connector	SMA(F)			
Weight	500gram Max.			
Operation Temp.	-20°C~+60°C			
Storage Temp.	-40°C~+85°C			

### 25 Pin Socket SST Micro – D Connector

1#	2#	3#	4#	5#	6#	7#	8#	9#	10#	11#	12#	13#	14#	15#	16#	17#	18#	19#	others
+5V	-15V	GND	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	NC

1:3.3-5V; 0:0-0.5V

### SuperApex Corporation

Address: 1580 S. Milwaukee, Ave. Suite 405, Libertyville, IL 60048, USA  
Tel: 1-847-573-9866, 1-847-505-8319  
E-mail: sales@superapexco.com  
Website: www.superapexco.com

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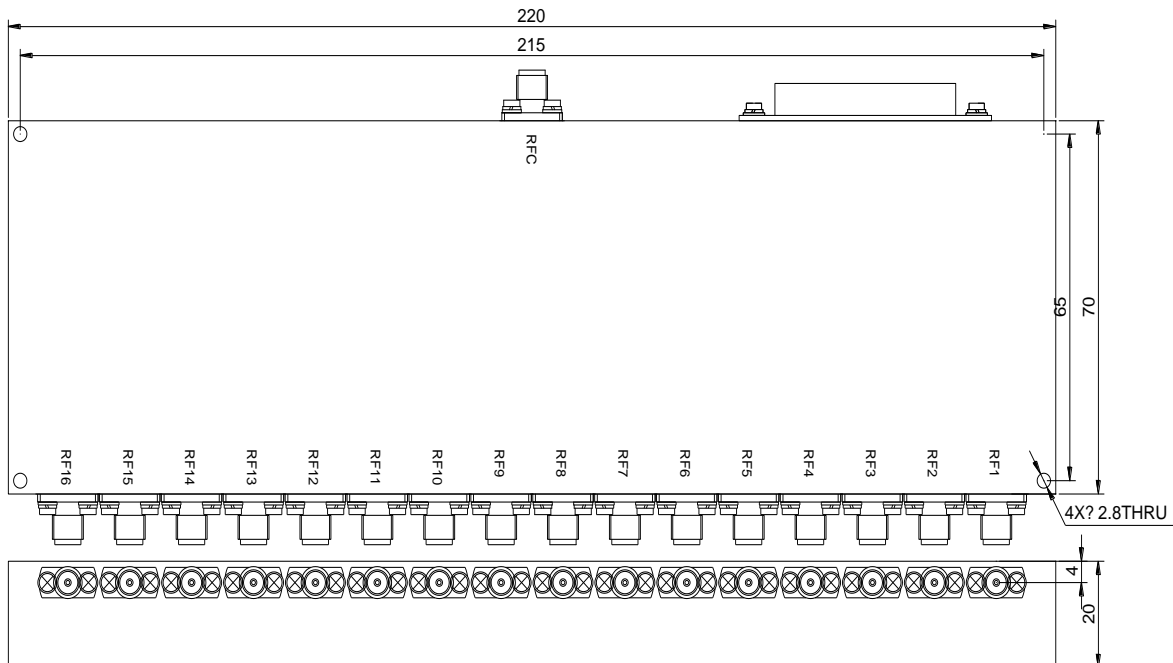
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### Truth Table

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	
0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	J0-J1
1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	J0-J2
1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	J0-J3
1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	J0-J4
1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	J0-J5
1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	J0-J6
1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	J0-J7
1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	J0-J8
1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	J0-J9
1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	J0-J10
1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	J0-J11
1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	J0-J12
1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	J0-J13
1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	J0-J14
1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	J0-J15
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	J0-J16

### Mechanical Outline(mm)



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