

ABSORPTIVE SWITCH SPST

Part Number: PS-PD1840-SPST

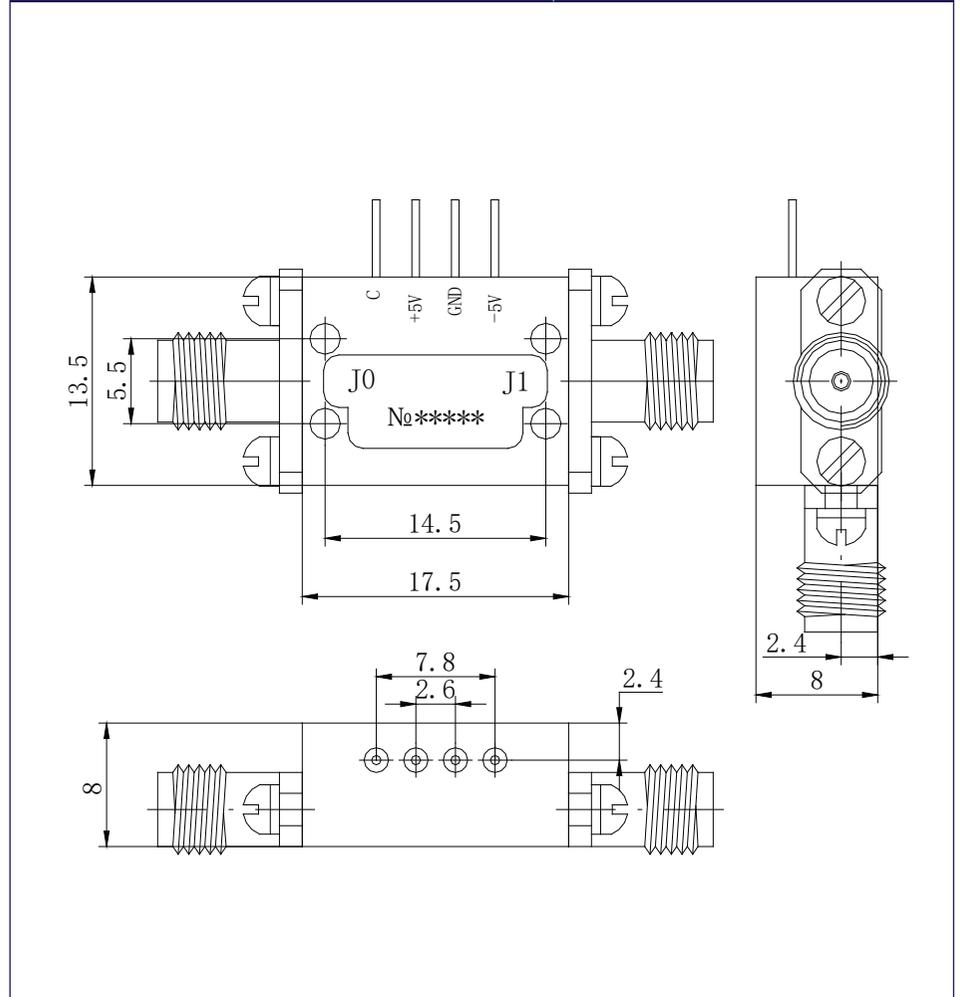
ELECTRICAL SPECIFICATIONS:

NO.	PARAMETER	MIN.	TYP.	MAX.	UNIT
1	Frequency range	18	-	40	GHz
2	Isolation	60	-	-	dB
3	Insertion Loss	-	3.4	4.0	dB
4	VSWR			2	
5	Switch Time			30	ns
6	operating power			20	dBm
7	No Damage Power			1	W
8	Power supply		+5/-12 to -15		V
9	Control logic	TTL "0"=ON,"1"=OFF, 3.6V < "1" < 5V			
10	Operating Temperature	-40°C to +85°C			
11	Impedance	50 Ω			
12	Input/output Connectors	2.92-f stainless steel			
13	Finish	Laser sealing meet gross leakage level Surface Grey paint			
14	Housing	Internal: Gold, External: Alodine			

ENVIRONMENTAL CONDITION

TEMPERATURE:	-40°C TO + 85°C (OPERATING), -65°C TO +125°C (STORAGE)
HUMIDITY	MIL-STD-202F, METHOD 103B COND. B
SHOCK	MIL-STD-202F, METHOD 213B COND. B
VIBRATION	MIL-STD-202F, METHOD 204D COND. B
ALTITUDE	MIL-STD-202F, METHOD 105C COND. B
TEMPERATURE CYCLE	MIL-STD-202F, METHOD 107D COND. A

OUTLINE DRAWING: Units (mm) TOLERANCE: ±0.2mm



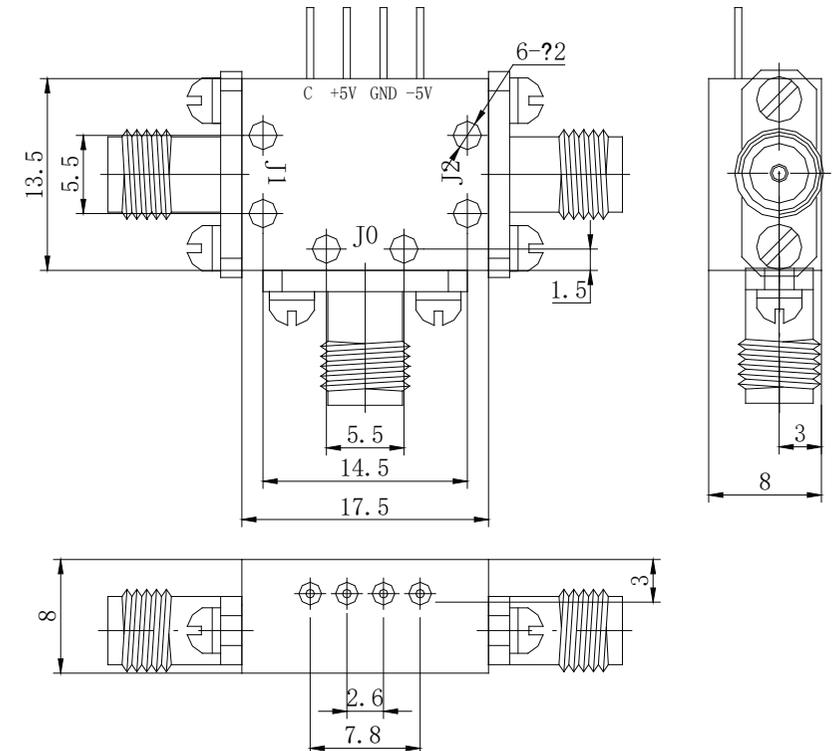
ELECTRICAL SPECIFICATIONS:

NO.	PARAMETER	MIN.	TYP.	MAX.	UNIT
1	Frequency range	18	-	40	GHz
2	Isolation	60	-	-	dB
3	Insertion Loss	-	3.6	4.2	dB
4	VSWR			2	
5	Switch Time			30	ns
6	operating power			20	dBm
7	No Damage Power			1	W
8	Power supply		+5/-12 to -15		V
9	Control logic	TTL "0"=ON,"1"=OFF, 3.6V < "1" < 5V, LGC 1=0, LGC 2=1, J1-J2 ON, LGC 1=1, LGC 2=0, J1-J3 ON			
10	Power Supply Voltage	±5v(+50/-50mA)			
11	Operating Temperature	-40°C to +85°C			
12	Impedance	50 Ω			
13	Input/output Connectors	2.92-f stainless steel			
14	Finish	Laser sealing meet gross leakage level Surface Grey paint			
15	Housing	Internal: Gold, External: Alodine			

ENVIRONMENTAL CONDITION

TEMPERATURE:	-40°C TO + 85°C (OPERATING), -65°C TO +125°C (STORAGE)
HUMIDITY	MIL-STD-202F, METHOD 103B COND. B
SHOCK	MIL-STD-202F, METHOD 213B COND. B
VIBRATION	MIL-STD-202F, METHOD 204D COND. B
ALTITUDE	MIL-STD-202F, METHOD 105C COND. B
TEMPERATURE CYCLE	MIL-STD-202F, METHOD 107D COND. A

OUTLINE DRAWING: Units (mm) TOLERANCE: ±0.2mm



ABSORPTIVE SWITCH SP3T

Part Number: PS-PD1840-SP3T

ELECTRICAL SPECIFICATIONS:

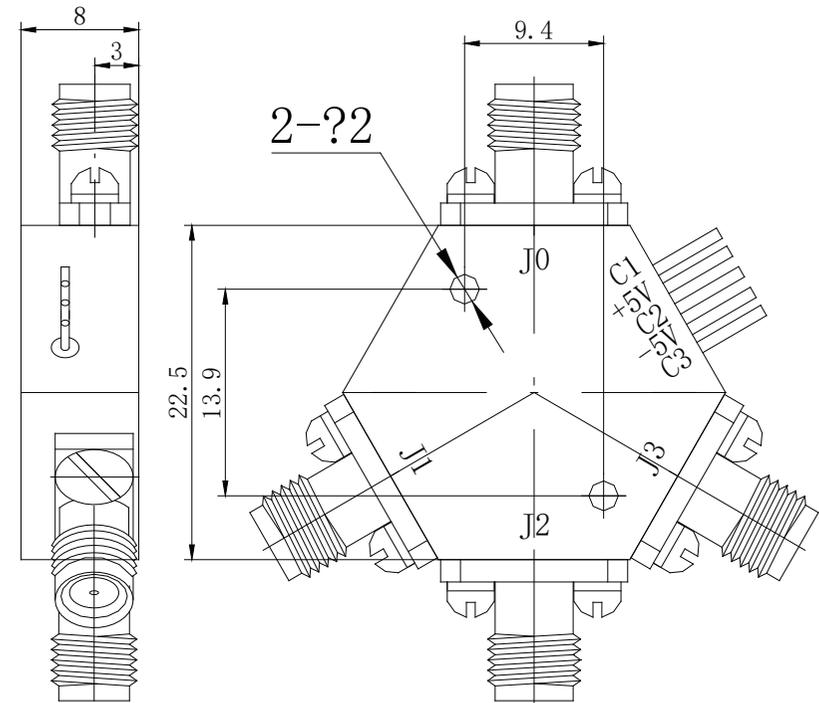
NO.	PARAMETER	MIN.	TYP.	MAX.	UNIT
1	Frequency range	18	-	40	GHz
2	Isolation	60	-	-	dB
3	Insertion Loss	-	3.8	4.4	dB
4	VSWR			2	
5	Switch Time			30	ns
6	operating power			20	dBm
7	No Damage Power			1	W
8	Power supply		+5/-12 to -15		V
9	Control logic	TTL "0"=ON,"1"=OFF, 3.6V < "1" < 5V			
10	Power Supply Voltage	±5v(+80/-50mA)			
11	Operating Temperature	-40°C to +85°C			
12	Impedance	50 Ω			
13	Input/output Connectors	2.92-f stainless steel			
14	Finish	Laser sealing meet gross leakage level Surface Grey paint			
15	Housing	Internal: Gold, External: Alodine			

ENVIRONMENTAL CONDITION

TEMPERATURE:	-40°C TO + 85°C (OPERATING), -65°C TO +125°C (STORAGE)
HUMIDITY	MIL-STD-202F, METHOD 103B COND. B
SHOCK	MIL-STD-202F, METHOD 213B COND. B
VIBRATION	MIL-STD-202F, METHOD 204D COND. B
ALTITUDE	MIL-STD-202F, METHOD 105C COND. B
TEMPERATURE CYCLE	MIL-STD-202F, METHOD 107D COND. A

OUTLINE DRAWING: Units (mm)

TOLERANCE: ±0.2mm



ABSORPTIVE SWITCH SP4T

Part Number: PS-PD1840-SP4T

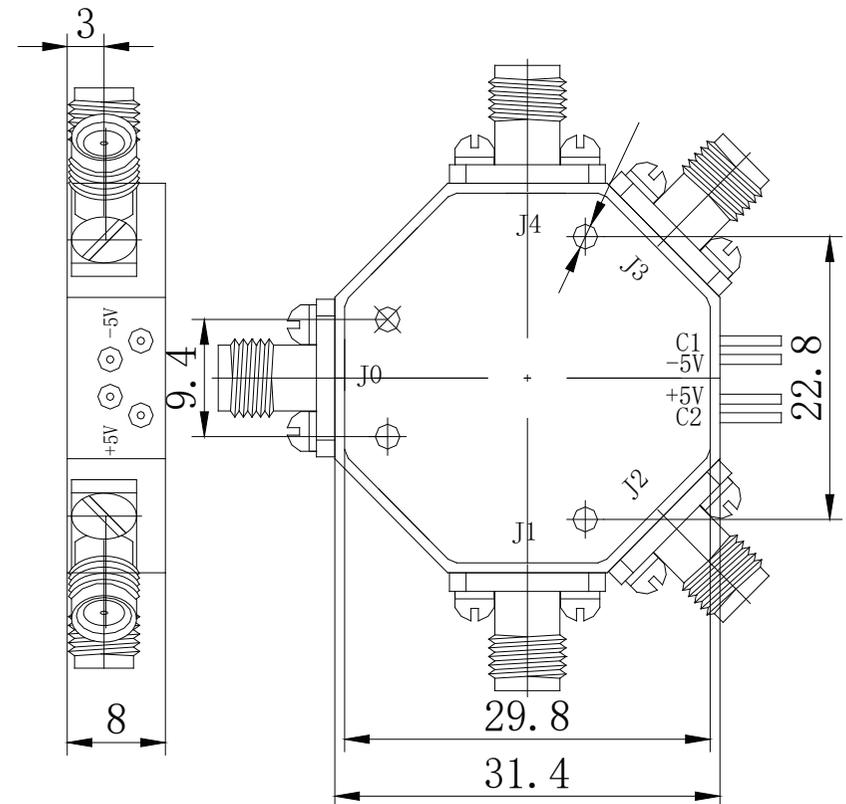
ELECTRICAL SPECIFICATIONS:

NO.	PARAMETER	MIN.	TYP.	MAX.	UNIT
1	Frequency range	18	-	40	GHz
2	Isolation	60	-	-	dB
3	Insertion Loss	-	4.6	5.2	dB
4	VSWR			2	
5	Switch Time			30	ns
6	operating power			20	dBm
7	No Damage Power			1	W
8	Power supply		+5/-12 to -15		V
9	Control logic	TTL "0"=ON,"1"=OFF, 3.6V < "1" < 5V			
10	Power Supply Voltage	±5v(+80/-50mA)			
11	Operating Temperature	-40°C to +85°C			
12	Impedance	50 Ω			
13	Input/output Connectors	2.92-f stainless steel			
14	Finish	Laser sealing meet gross leakage level Surface Grey paint			
15	Housing	Internal: Gold, External: Alodine			

ENVIRONMENTAL CONDITION

TEMPERATURE:	-40°C TO + 85°C (OPERATING), -65°C TO +125°C (STORAGE)
HUMIDITY	MIL-STD-202F, METHOD 103B COND. B
SHOCK	MIL-STD-202F, METHOD 213B COND. B
VIBRATION	MIL-STD-202F, METHOD 204D COND. B
ALTITUDE	MIL-STD-202F, METHOD 105C COND. B
TEMPERATURE CYCLE	MIL-STD-202F, METHOD 107D COND. A

OUTLINE DRAWING: Units (mm) TOLERANCE: ±0.2mm



ABSORPTIVE SWITCH SP5T

Part Number: PS-PD1840-SP5T

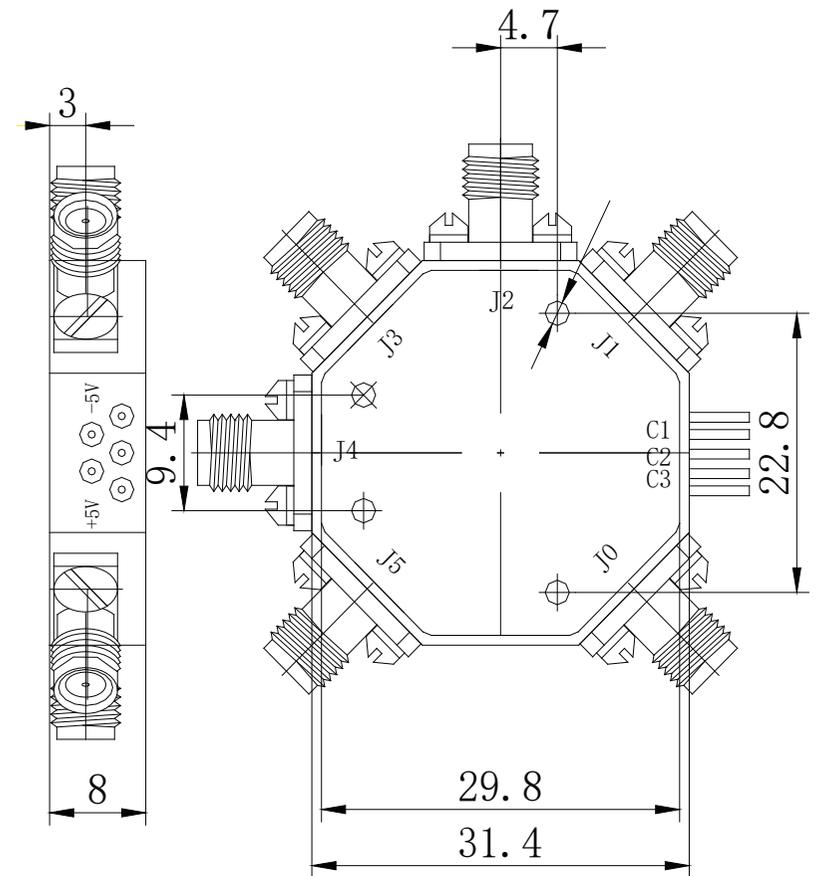
ELECTRICAL SPECIFICATIONS:

NO.	PARAMETER	MIN.	TYP.	MAX.	UNIT
1	Frequency range	18	-	40	GHz
2	Isolation	60	-	-	dB
3	Insertion Loss	-	4.9	5.5	dB
4	VSWR			2	
5	Switch Time			30	ns
6	operating power			20	dBm
7	No Damage Power			1	W
8	Power supply		+5/-12 to -15		V
9	Control logic	TTL "0"=ON,"1"=OFF, 3.6V < "1" < 5V			
10	Power Supply Voltage	±5v(+125/-50mA)			
11	Operating Temperature	-40°C to +85°C			
12	Impedance	50 Ω			
13	Input/output Connectors	2.92-f stainless steel			
14	Finish	Laser sealing meet gross leakage level Surface Grey paint			
15	Housing	Internal: Gold, External: Alodine			

ENVIRONMENTAL CONDITION

TEMPERATURE:	-40°C TO + 85°C (OPERATING), -65°C TO +125°C (STORAGE)
HUMIDITY	MIL-STD-202F, METHOD 103B COND. B
SHOCK	MIL-STD-202F, METHOD 213B COND. B
VIBRATION	MIL-STD-202F, METHOD 204D COND. B
ALTITUDE	MIL-STD-202F, METHOD 105C COND. B
TEMPERATURE CYCLE	MIL-STD-202F, METHOD 107D COND. A

OUTLINE DRAWING: Units (mm) TOLERANCE: ±0.2mm



ABSORPTIVE SWITCH SP6T

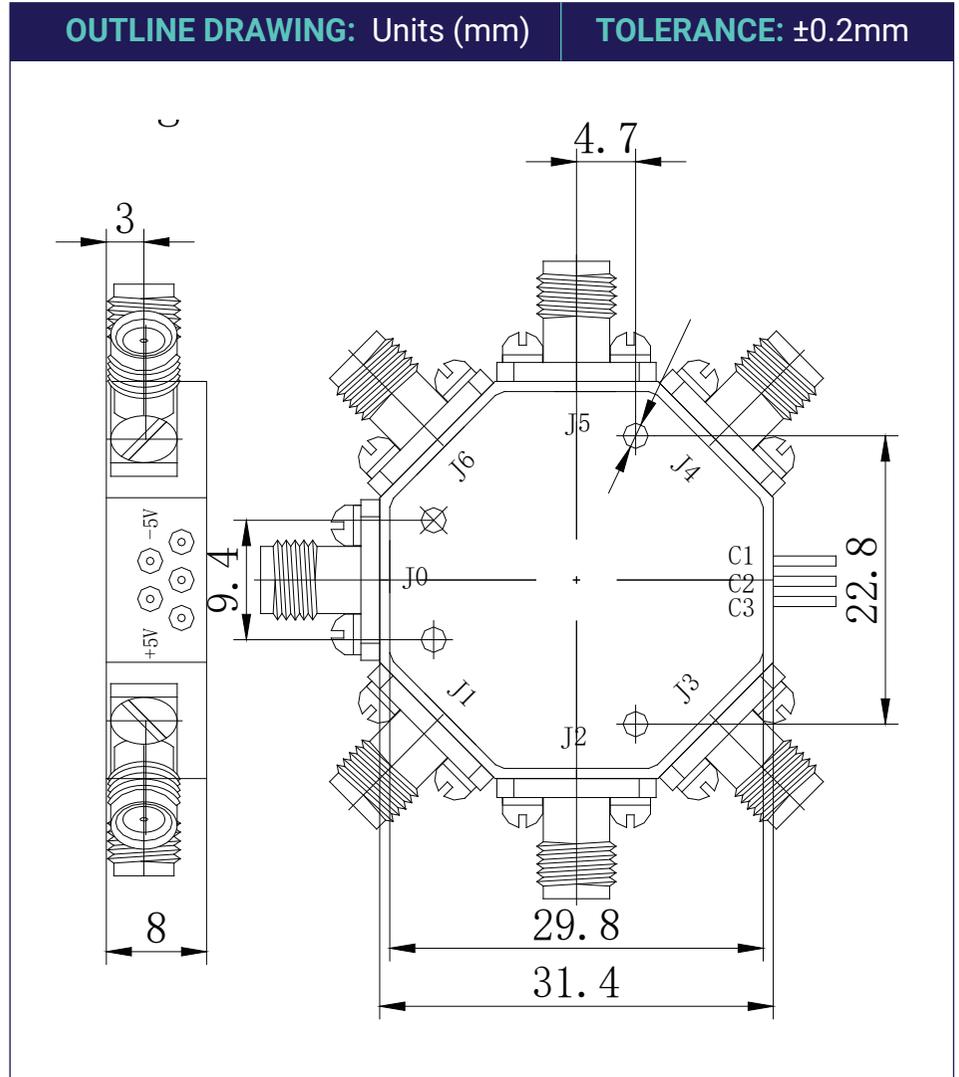
Part Number: PS-PD1840-SP6T

ELECTRICAL SPECIFICATIONS:

NO.	PARAMETER	MIN.	TYP.	MAX.	UNIT
1	Frequency range	18	-	40	GHz
2	Isolation	60	-	-	dB
3	Insertion Loss	-	5.1	5.7	dB
4	VSWR			2	
5	Switch Time			30	ns
6	operating power			20	dBm
7	No Damage Power			1	W
8	Power supply		+5/-12 to -15		V
9	Control logic	TTL "0"=ON,"1"=OFF, 3.6V < "1" < 5V			
10	Power Supply Voltage	±5v(+125/-50mA)			
11	Operating Temperature	-40°C to +85°C			
12	Impedance	50 Ω			
13	Input/output Connectors	2.92-f stainless steel			
14	Finish	Laser sealing meet gross leakage level Surface Grey paint			
15	Housing	Internal: Gold, External: Alodine			

ENVIRONMENTAL CONDITION

TEMPERATURE:	-40°C TO + 85°C (OPERATING), -65°C TO +125°C (STORAGE)
HUMIDITY	MIL-STD-202F, METHOD 103B COND. B
SHOCK	MIL-STD-202F, METHOD 213B COND. B
VIBRATION	MIL-STD-202F, METHOD 204D COND. B
ALTITUDE	MIL-STD-202F, METHOD 105C COND. B
TEMPERATURE CYCLE	MIL-STD-202F, METHOD 107D COND. A



ABSORPTIVE SWITCH SP7T

Part Number: PS-PD1840-SP7T

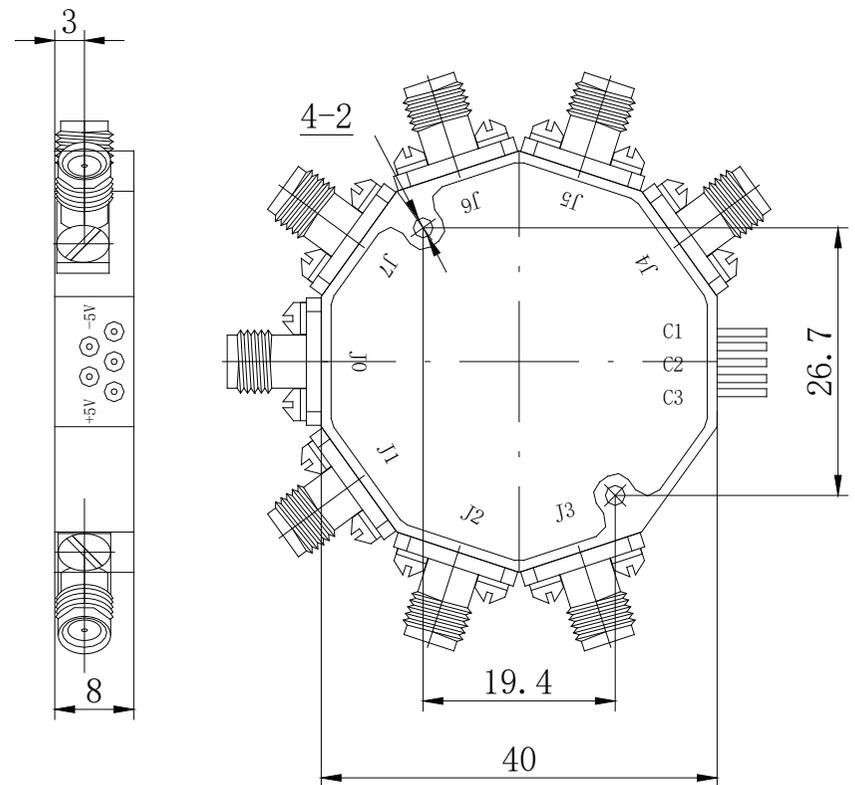
ELECTRICAL SPECIFICATIONS:

NO.	PARAMETER	MIN.	TYP.	MAX.	UNIT
1	Frequency range	18	-	40	GHz
2	Isolation	60	-	-	dB
3	Insertion Loss	-	5.3	5.9	dB
4	VSWR			2	
5	Switch Time			30	ns
6	operating power			20	dBm
7	No Damage Power			1	W
8	Power supply		+5/-12 to -15		V
9	Control logic	TTL "0"=ON,"1"=OFF, 3.6V < "1" < 5V			
10	Power Supply Voltage	±5v(+125/-50mA)			
11	Operating Temperature	-40°C to +85°C			
12	Impedance	50 Ω			
13	Input/output Connectors	2.92-f stainless steel			
14	Finish	Laser sealing meet gross leakage level Surface Grey paint			
15	Housing	Internal: Gold, External: Alodine			

ENVIRONMENTAL CONDITION

TEMPERATURE:	-40°C TO + 85°C (OPERATING), -65°C TO +125°C (STORAGE)
HUMIDITY	MIL-STD-202F, METHOD 103B COND. B
SHOCK	MIL-STD-202F, METHOD 213B COND. B
VIBRATION	MIL-STD-202F, METHOD 204D COND. B
ALTITUDE	MIL-STD-202F, METHOD 105C COND. B
TEMPERATURE CYCLE	MIL-STD-202F, METHOD 107D COND. A

OUTLINE DRAWING: Units (mm) TOLERANCE: ±0.2mm



ABSORPTIVE SWITCH SP8T

Part Number: PS-PD1840-SP8T

ELECTRICAL SPECIFICATIONS:

NO.	PARAMETER	MIN.	TYP.	MAX.	UNIT
1	Frequency range	18	-	40	GHz
2	Isolation	60	-	-	dB
3	Insertion Loss	-	5.5	6.1	dB
4	VSWR			2	
5	Switch Time			30	ns
6	operating power			20	dBm
7	No Damage Power			1	W
8	Power supply		+5/-12 to -15		V
9	Control logic	TTL "0"=ON,"1"=OFF, 3.6V < "1" < 5V			
10	Power Supply Voltage	±5v(+125/-50mA)			
11	Operating Temperature	-40°C to +85°C			
12	Impedance	50 Ω			
13	Input/output Connectors	2.92-f stainless steel			
14	Finish	Laser sealing meet gross leakage level Surface Grey paint			
15	Housing	Internal: Gold, External: Alodine			

ENVIRONMENTAL CONDITION

TEMPERATURE:	-40°C TO + 85°C (OPERATING), -65°C TO +125°C (STORAGE)
HUMIDITY	MIL-STD-202F, METHOD 103B COND. B
SHOCK	MIL-STD-202F, METHOD 213B COND. B
VIBRATION	MIL-STD-202F, METHOD 204D COND. B
ALTITUDE	MIL-STD-202F, METHOD 105C COND. B
TEMPERATURE CYCLE	MIL-STD-202F, METHOD 107D COND. A

OUTLINE DRAWING: Units (mm) TOLERANCE: ±0.2mm

