

PSW2-18

SPDT NON-TERMINATED COAXIAL SWITCH DC~18GHz SMA

PSATEK

Specializing in RF & Microwave Components

FEATURES:

- Low Loss
- Low VSWR
- High Isolation
- High Reliability

APPLICATIONS:

- Industrial
- Laboratory
- Satcom/Telecom

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE(GHz)		DC~6	6~12	12~18
INSERTION LOSS(dB)		0.2	0.3	0.4
VSWR		1.2	1.3	1.4
ISOLATION(dB)		70	70	60
OPERATING VOLTAGE(V)		12	24	28
CURRENT(mA)	FAILSAFE	195	100	95
	LATCHING	230	140	120

ORDERING INFORMATION:

PSATEK NON-TERMINATED SWITCH	PSW	2	-18-1	F	24T
NUMBER OF THROW(S)					
(SPDT :2)					
STOP FREQUENCY(GHz)					
CONNECTOR (SMA Female :1)					
ACTUATOR TYPE					
(FALESAFE :F, LATCHING :L)					
VOLTAGE					
AVAILABLE OPTIONS					
(TTL :T, EXTENDED TEMP RANGE :I)					

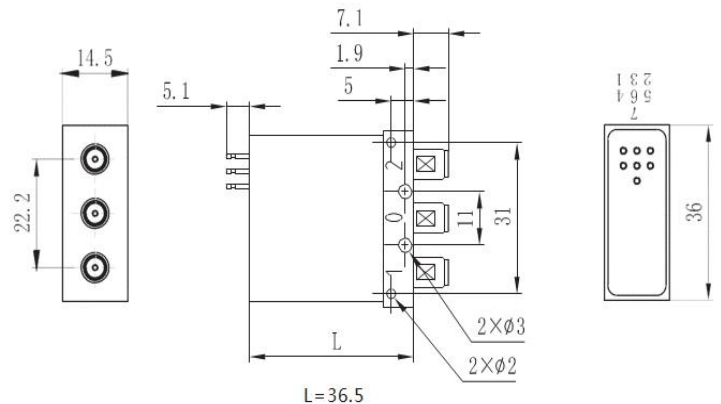
ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE	-25℃~+65℃
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MECHANICAL SPECIFICATIONS:

RF IMPEDANCE	50 Ω
SWITCHING TIME	<15ms
LIFE	2M Cycles
SWITCHING SEQUENCE	Break Before Make
SHOCK (NON-OPERATING)	30 g / 11 ms, ½ sine
VIBRATION (OPERATING)	20-2,000 Hz, 10 g (rms)
RF CONNECTOR	SMA Female
POWER SUPPLY & CONTROL	Feed Through/Terminal Post

MECHANICAL OUTLINE(mm):



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PSW2-26.5

SPDT NON-TERMINATED COAXIAL SWITCH DC~26.5GHz SMA



FEATURES:

- Low Loss
- Low VSWR
- High Isolation
- High Reliability

APPLICATIONS:

- Industrial
- Laboratory
- Satcom/Telecom



ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE(GHz)	DC~6	6~12	12~18	18~26.5
INSERTION LOSS(dB)	0.2	0.3	0.4	0.6
VSWR	1.2	1.3	1.4	1.6
ISOLATION(dB)	70	60	55	50
OPERATING VOLTAGE(V)	12	24	28	
CURRENT(mA)	FAILSAFE 195	100	95	
	LATCHING 230	140	120	

ORDERING INFORMATION:

PSW 2-26-1 F 24T

PSATEK NON-TERMINATED SWITCH	_____	1
NUMBER OF THROW(S) (SPDT :2)	_____	2
STOP FREQUENCY(GHz)	_____	3
CONNECTOR (SMA Female :1)	_____	4
ACTUATOR TYPE (FALESAFE :F, LATCHING :L)	_____	5
VOLTAGE	_____	6
AVAILABLE OPTIONS	_____	7
(TTL :T, EXTENDED TEMP RANGE :)	_____	8

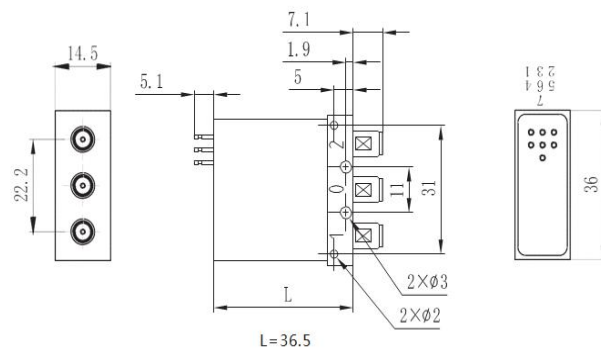
ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE -25°C ~ +65 °C

MECHANICAL SPECIFICATIONS:

RF IMPEDANCE	50 Ω
SWITCHING TIME	<15mS
LIFE	2M Cycles
SWITCHING SEQUENCE	Break Before Make
SHOCK (NON-OPERATING)	30 g / 11 ms, ½ sine
VIBRATION (OPERATING)	20-2,000 Hz, 10 g (rms)
RF CONNECTOR	SMA Female
POWER SUPPLY & CONTROL	Terminal Post

MECHANICAL OUTLINE(mm):



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PSW2-40

SPDT NON-TERMINATED COAXIAL SWITCH DC~40GHz 2.92mm

PSATEK

Specializing in RF & Microwave Components

FEATURES:

- Low Loss
- Low VSWR
- High Isolation
- High Reliability

APPLICATIONS:

- Industrial
- Laboratory
- Satcom/Telecom

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE(GHz)	DC~6	6~12	12~18	18~26.5	26.5~32	32~40
INSERTION LOSS(dB)	0.2	0.3	0.4	0.6	0.7	0.9
VSWR	1.2	1.3	1.4	1.6	1.7	1.9
ISOLATION(dB)	70	70	60	55	50	50
OPERATING VOLTAGE(V)	12	24	28			
CURRENT(mA)	FAILSAFE	195	100	95		
	LATCHING	230	140	120		

ORDERING INFORMATION:

PSATEK TERMINATED SWITCH	PSW 2 -40-3 F 24T
NUMBER OF THROW(S)	
(SPDT :2)	
STOP FREQUENCY(GHz)	
CONNECTOR (2.92mm Female :3)	
ACTUATOR TYPE	
(FALESAFE :F, LATCHING :L)	
VOLTAGE	
AVAILABLE OPTIONS	
(TTL :T, EXTENDED TEMP RANGE :I)	

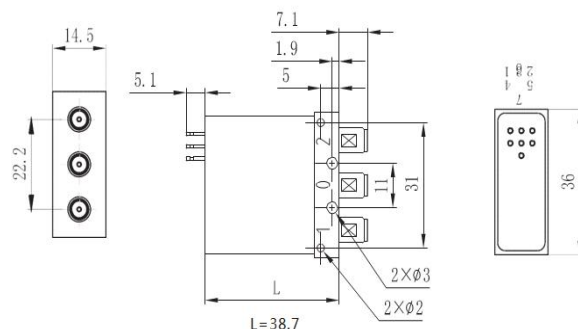
ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE	-25℃ ~ +65 ℃
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MECHANICAL SPECIFICATIONS:

RF IMPEDANCE	50 Ω
SWITCHING TIME	<15mS
LIFE	2M Cycles
SWITCHING SEQUENCE	Break Before Make
SHOCK (NON-OPERATING)	30 g / 11 ms, ½ sine
VIBRATION (OPERATING)	20-2,000 Hz, 10 g (rms)
RF CONNECTOR	2.92mm Female
POWER SUPPLY & CONTROL	Terminal Post

MECHANICAL OUTLINE(mm):



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PSW2-50

SPDT NON-TERMINATED COAXIAL SWITCH DC~50GHz 2.4mm

PSATEK

Specializing in RF & Microwave Components

FEATURES:

- Low Loss
- Low VSWR
- High Isolation
- High Reliability

APPLICATIONS:

- Industrial
- Laboratory
- Satcom/Telecom



ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE(GHz)	INSERTION LOSS(dB)	ISOLATION(dB)	VSWR
DC~6	0.2	70	1.2
6~12	0.3	70	1.3
12~18	0.4	60	1.4
18~26.5	0.6	55	1.6
26.5~32	0.7	50	1.7
32~40	0.8	50	1.8
40~50	0.9	45	1.9
OPERATING VOLTAGE(V)	12	24	28
CURRENT(mA)	FAILSAFE	195	100
	LATCHING	230	140
			95
			120

ORDERING INFORMATION:

PSW 2 -50-5 F 28 T	
PSATEK NON-TERMINATED SWITCH	
NUMBER OF THROW(S)	
(SPDT :2)	
STOP FREQUENCY(GHz)	
CONNECTOR (2.4mm Female :5)	
ACTUATOR TYPE	
(FALESAFE :F, LATCHING :L)	
VOLTAGE	
AVAILABLE OPTIONS	
(TTL :T, EXTENDED TEMP RANGE :I)	

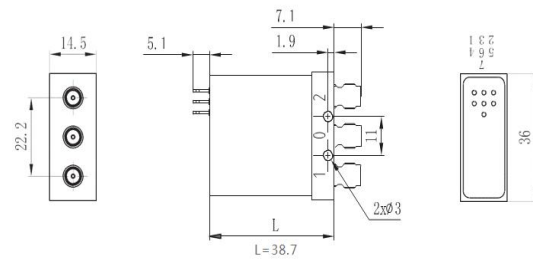
ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE	-25℃ ~ +65℃
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MECHANICAL SPECIFICATIONS:

RF IMPEDANCE	50 Ω
SWITCHING TIME	<15mS
LIFE	2M Cycles
SWITCHING SEQUENCE	Break Before Make
SHOCK (NON-OPERATING)	30 g / 11 ms, ½ sine
VIBRATION (OPERATING)	20-2,000 Hz, 10 g (rms)
RF CONNECTOR	2.4mm Female
POWER SUPPLY & CONTROL	Terminal Post

MECHANICAL OUTLINE(mm):



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PSW2-67

SPDT NON-TERMINATED COAXIAL SWITCH DC~67GHz 1.85mm

PSATEK
Specializing in RF & Microwave Components

FEATURES:

- Low Loss
- Low VSWR
- High Isolation
- High Reliability

APPLICATIONS:

- Industrial
- Laboratory
- Satcom/Telecom



ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE(GHz)	INSERTION LOSS(dB)	ISOLATION(dB)	VSWR
DC~6	0.2	70	1.2
6~12	0.3	70	1.3
12~18	0.4	60	1.4
18~26.5	0.6	55	1.6
26.5~32	0.7	50	1.7
32~40	0.8	50	1.8
40~50	0.9	45	1.9
50~67	1.2	40	2.2
OPERATING VOLTAGE(V)	12	24	28
CURRENT(mA)	LATCHING	230	140
	FAILSAFE	195	95

ORDERING INFORMATION:

PSW	2-67-4 L 24 T
PSATEK NON-TERMINATED SWITCH	
NUMBER OF THROW(S)	
(SPDT :2)	
STOP FREQUENCY(GHz)	
RF CONNECTOR	
ACTUATOR TYPE	
(FAILSAFE :F, LATCHING :L)	
VOLTAGE (+12V, +24V, +28V)	
AVAILABLE OPTIONS	
(TTL :T, EXTENDED TEMP RANGE :I)	

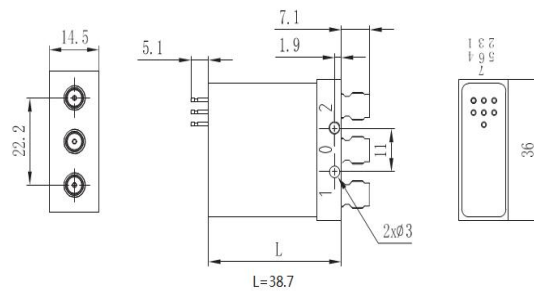
ENVIROMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE -25℃~+65℃

MECHANICAL SPECIFICATIONS:

RF IMPEDANCE	50 Ω
SWITCHING TIME	<15mS
LIFE	2M Cycles
SWITCHING SEQUENCE	Break Before Make
SHOCK (NON-OPERATING)	30 g / 11 ms, ½ sine
VIBRATION (OPERATING)	20-2,000 Hz, 10 g (rms)
RF CONNECTOR	1.85mm Female
POWER SUPPLY & CONTROL	Terminal Post

MECHANICAL OUTLINE(mm):



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