

Features

- Unmatched Low Cost
- Low insertion Loss
- High Channel Isolation
- High Stability, High Reliability
- Epoxy-free on Optical Path
- Latching or Non-latching



Applications

- Optical Network
- Protection/Restoration
- Optical Singnal Routing
- Configurable Optical Add/Drop
- Transmitter and receiver protection
- Network Test System

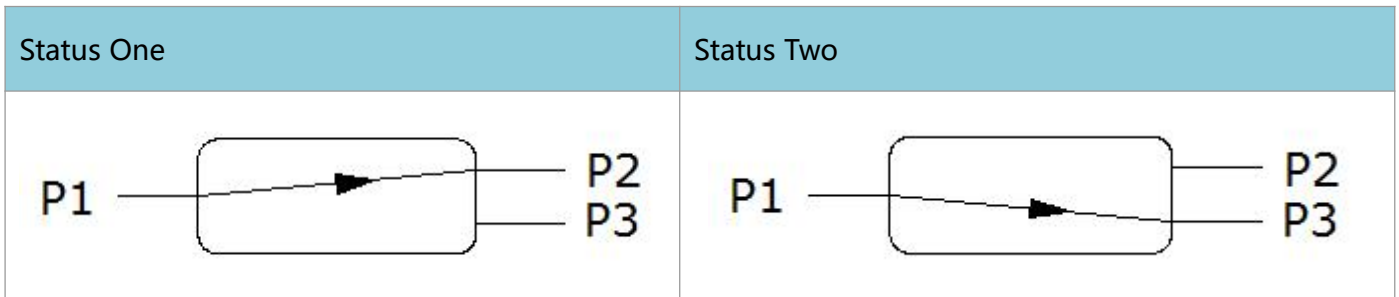
SPerformance

Parameters		1×2-SM
Wavelength Range	nm	1260~1650
OperatingWavelen	nm	PM1310 OR PM1550
Insertion Loss	dB	Typ:0.7 Max:1.0
Return Loss	dB	≥50
Crosstalk	dB	≥55
ER	dB	≥18
WDL	dB	≤0.25
TDL	dB	≤0.25
Repeatability	dB	≤±0.02
Power supply	v	5
Lifetime	Tim	≥10 ⁷
Switch Time	ms	≤8
Transmission	m	≤500
OperatingTempera	°C	-20~+70
Storage	°C	-40~+85
Weight	g	16
Axis Alignment		Double axis working
Fiber type		PM1550 fiber 900um
Dimension	mm	(L)27.0×(W)12.0×(H)8.2

Pin Configurations

Type	Pin	Electric Drive				Status sensor			
1×2	channel	1	5	6	10	2-3	3-4	7-8	8-9
Latching	P1-P2	V+	GND	--	--	Open	Close	Close	Open
	P1-P3	--	--	GND	V+	Close	Open	Open	Close
Non-latching	P1-P2	V+	--	--	GND	Open	Close	Close	Open
	P1-P3	--	--	--	--	Close	Open	Open	Close

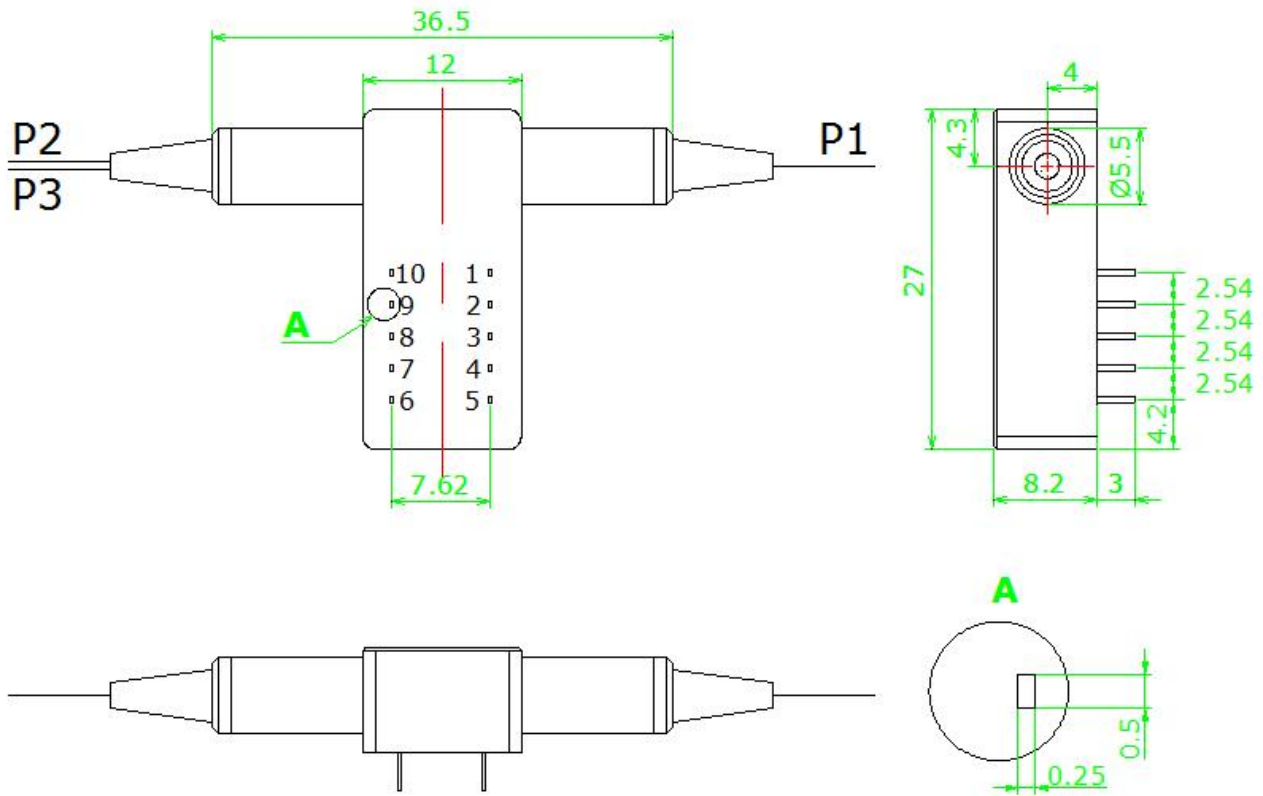
Optical Route



Electric

Specifications	Voltage	Current	Resistance
5V latching	4.5~5.5	36~44mA	125Ω
5V non-latching	4.5~5.5	26~32mA	175Ω
3V latching	2.7~3.3	54~66mA	50Ω
3V non-latching	2.7~3.3	39~47mA	70Ω

Mechanical Dimensions (Unit:mm)



Ordering Information: HC-PMFSW-1×2-A-B-C-D-E-F

	A	B	C	D	E	F
Mode	Wavelength	Voltage Type	Control Model	Fiber Diameter	Fiber Length	Connector
PM=PM	13=1310nm 15=1550nm X=Others	3=3V 5=5V	L=Latching N=Non-Latching	25=250um 90=900um X=Others	1=1m 2=1.5m X=Others	0=None 1=FC/PC 2=FC/APC 3=SC/PC 4= LC/PC X=Others