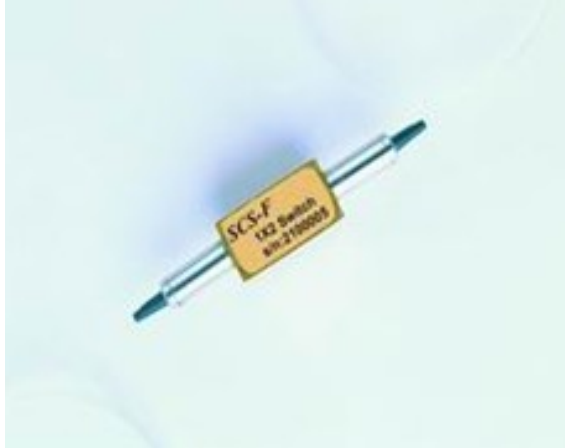




Polarization Maintaining Optical Switch



■ Feature:

- High Extinction Ratio
- Low Insertion Loss
- High Return Loss

■ Application:

- PM Components
- Fiber Sensors
- Free Space Communications
- Research

■ Performance Specifications:

Parameters	Unit	Values			
		1310		1550	
Center Wavelength	nm	1310		1550	
Operating Wavelength Range	nm	±40			
Insertion Loss	dB	P Grade	A Grade	P Grade	A Grade
		0.5	0.8	0.5	0.8
WDL	dB	<0.25	<0.25	<0.25	<0.25
Channel Cross Talk	dB	>55	>55	>55	>55
Extinction Ratio	dB	22	20	22	20
Repeatability	dB	<±0.02			
Switching Speed	ms	<10 (Typ.4)			
Return Loss	dB	>55			
Coil Resistance (Pin 1-5 or 6-10)	ohms	178 ± 10%			
Durability	cycles	>10 million			
Fiber Type		PM Panda Fiber			
Operating Temperature	°C	-5 to +70			
Storage Temperature	°C	-40 to +85			
Physical Dimension (LxWxH)	mm	22.3 × 12.1 × 11			

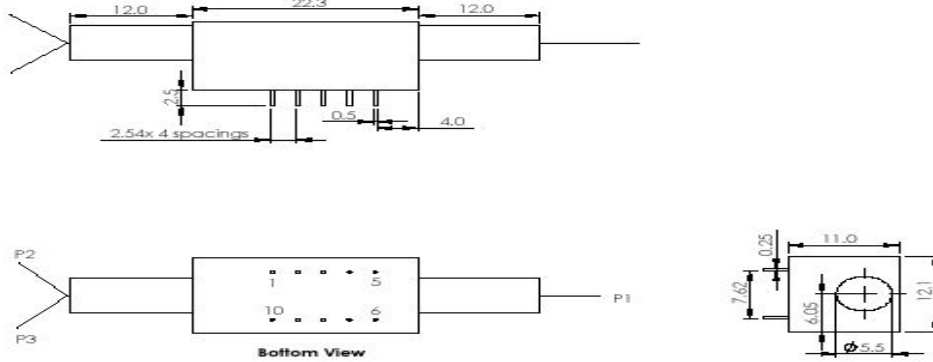
*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.

*The PM fiber & connector key are aligned to the slow axis.



■ **Package Dimensions:**



Optical Path		Port1-2		Port1-3	
Electric Drive	Non Latching	Pin1	Pin10		
	Latching	Pin1	Pin5	Pin6	Pin10
		V+	GND	GND	V+
Sensor Status	Latching/Non Latching	Pin2-3, Pin8-9 Open		Pin2-3, Pin8-9 Close	
	Latching	Pin3-4, Pin7-8 Close		Pin3-4, Pin7-8 Open	

■ **Ordering Information:**

PMSW

Sensor Status	Port	Grade	Wavelength	Fiber Type	Fiber Length
L=Latching	0102=1x2	P=P Grade A=A Grade	31=1310	1=bare fiber 2=900um Loose tube	075=0.75Meter 100=1 Meter
N=Non Latching			55=1550		
			SS=Specify		