

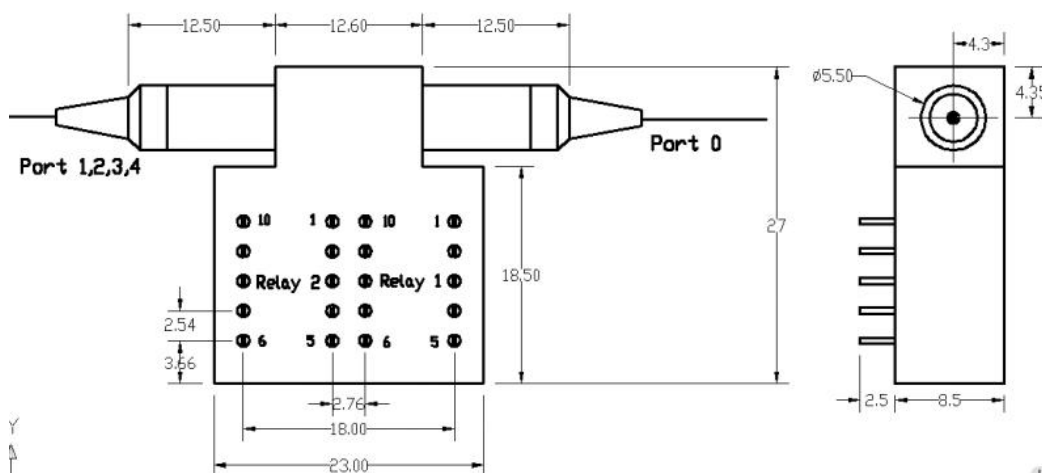
1x4 (1x8) Mini Size Optical Switch

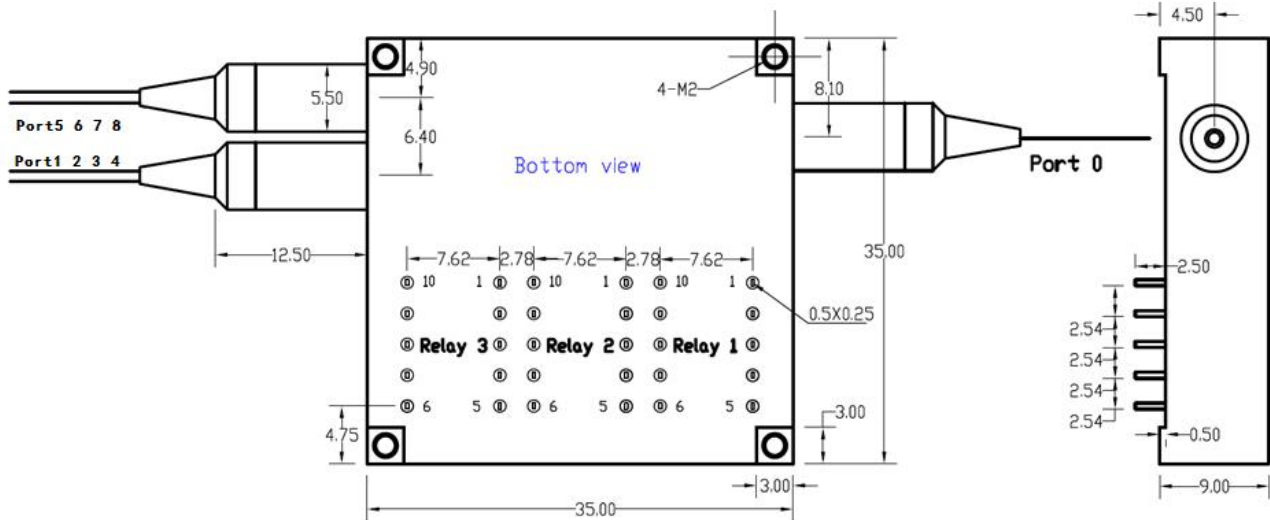
Features	
Based on Free space designed Low IL, Low PDL, Fast Switch speed	
Application	
OXC, OLP, ROADM Wavelength switch of testing system Channel switch of optic sensor system	

Specifications

Parameter	Value	
Port Type	1x4	1x8
Wavelength (nm)	1260-1620	1260-1620
Insertion Loss (dB)	≤0.8	≤0.8
PDL (dB)	≤0.15	≤0.15
Repeatability (dB)	≤±0.05	≤±0.05
Cross Talk (dB)	≥50	≥50
Switch Speed (ms)	<10	<10
Return Loss (dB)	55	50
Operating Voltage (V)	5	5
Switch Current (mA)	120	120
Power handling (mW)	500	500
Durability (cycles)	>10 ⁷	>10 ⁷
Operating Temperature (°C)	-5~+65	-5~+65
Storage Temperature (°C)	-40 ~ 85	-40 ~ 85
Fiber Type	SMF-28e	SMF-28e
Dimension (LxMxH) (mm)	23x27x8.5	35X35X9

Package Dimension





PIN

Relay Status		Electric Drive (Pin #)				Sensor Status (Pin #)	
Latching		1	5	6	10	2-3,8-9	3-4,8-7
	0	-	-	GND	V+	Close	Open
	1	V+	GND	-	-	Open	Close
Non- Latching	0	-	-	-	-	Close	Open
	1	V+	-	-	GND	Open	Close

	Electric Drive		
	Relay1	Relay 2	Relay 3
Com = P1 (Black)	0	0	0
Com = P2(Red)	0	0	1
Com = P3 (Blue)	0	1	0
Com = P4 (White)	0	1	1
Com = P5(Black)	1	0	0
Com = P6(Red)	1	0	1
Com = P7(Blue)	1	1	0
Com = P8(White)	1	1	1

Ordering Information

MOS W	Type	Wavelength	Mode	Pigtail Type	Fiber Type	Length	Connector
	1x4 1x8	15=1550 13=1310 1315=1310/1550	L=Latching N=Non Latching	1=900um loose tube	1=SMF-28e	1= 1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC XX=Other