

1x3(1X4) Mini size PM Optical Switch

Features	
High Extinction Ratio Low Insertion Loss Latching or Non-Latching Type	
Application	
Optical Cross and connection system Fiber Sensor	

Specifications

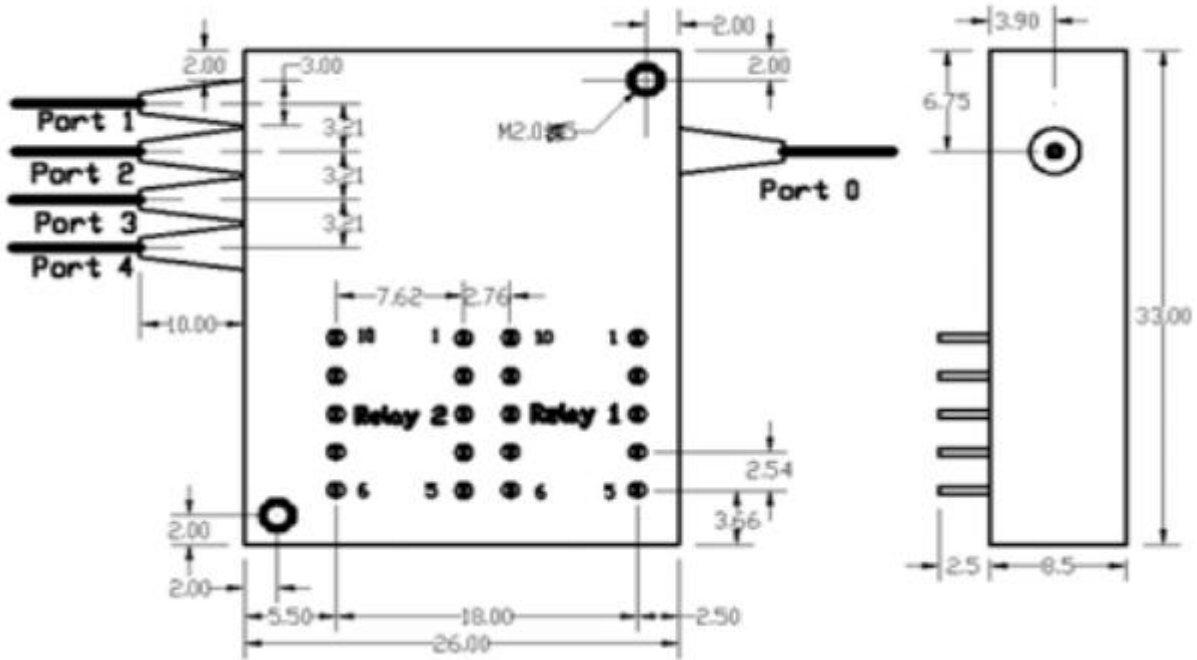
Testing Wavelength (nm)	780, 850, 980, 1064nm	13, 101, 550
Insertion Loss (dB)	Typ:1.0, Max:1.4	Typ:1.0, Max:1.2
Return Loss (dB)	≥50	≥50
Crosstalk(dB)	≥50	≥50
ER (dB)	≥18	
WDL(dB)	≤0.25	
TDL (dB)	≤0.25	
Repeatability (dB)	≤±0.02	
Power supply (V)	3.0 or 5.0	
Lifetime (Cycle)	≥10 ⁷	
Switch Time (ms)	≤8	
Power (CW, mW)	≤500	
Fiber Type	Panda Fiber	
Operation Temperature °C	-5 ~ +70	
Storage Temperature °C	-40 ~ +85	
Dimension (mm)	(L)33×(W)26×(H)8.5(±0.2)	

PIN:

Latching	Relay1				Relay2				Relay1		Relay2	
	Pin1	Pin5	Pin6	Pin10	Pin1	Pin5	Pin6	Pin10	2-3,8-9	3-4,7-8	2-3,8-9	3-4,7-8
P0-P1	V+	GND	--	--	--	--	GND	V+	Open	Close	Close	Open
P0-P2	V+	GND	--	--	V+	GND	--	--	Open	Close	Open	Close
P0-P3	--	--	GND	V+	V+	GND	--	--	Close	Open	Open	Close
P0-P4	--	--	GND	V+	--	--	GND	V+	Close	Open	Close	Open

NON-Latching	Relay1				Relay2				Relay1		Relay2	
	Pin1	Pin5	Pin6	Pin10	Pin1	Pin5	Pin6	Pin10	2-3,8-9	3-4,7-8	2-3,8-9	3-4,7-8
P0-P1	V+	--	--	GND	--	--	--	--	Open	Close	Close	Open
P0-P2	V+	--	--	GND	V+	--	--	GND	Open	Close	Open	Close
P0-P3	--	--	--	--	V+	--	--	GND	Close	Open	Open	Close
P0-P4	--	--	--	--	--	--	--	--	Close	Open	Close	Open

PACKAGE DIMENSIONS



Ordering Information

PMOSW	Type	Wavelength	Mode	Pigtail Type	Fiber Type	Length	Connector
	1x4	1310=1310nm 1550=1550nm 1064=1064nm 850=850nm	L=Latching N=Non-Latching	1=900um loose tube	5=Panda Fiber	0.8=0.8 m	NE=None FC=FC/UPC SC=SC/UPC FA=FC/APC SA=SC/APC