Mechanical OM Switch

Features

- Latching or Non-Latching
- Unmatched Low Cost
- Low Insertion Loss
- High Channel Isolation
- Highly Stability and Reliability
- Epoxy-Free Optical Path

Applications

- Instrumentation
- Optical Signal Routing
- Network Test Systems

Performance Specifications

Parameter	Specification	
Operating Wavelength (nm)	1310±40	1550±40
Insertion Loss (dB)	1.2	
Wavelength Dependent Loss (WDL) (dB)	<0.20	
Extinction Ratio (dB)	> 18 (typ 20)	
Repeatability(dB)	±0.02	
Channel Cross Talk (dB)	>60	
Return Loss (dB)	>55	
Switching Speed (ms)	<10	
Operating Voltage (V)	4.5 ~ 5.5	
Power Handling (mW)	500	
Durability (cycles)	10 Million (Min.)	
Operating Temperature (°C)	0 ~ +70	
Fiber Type	Panda PM fiber	

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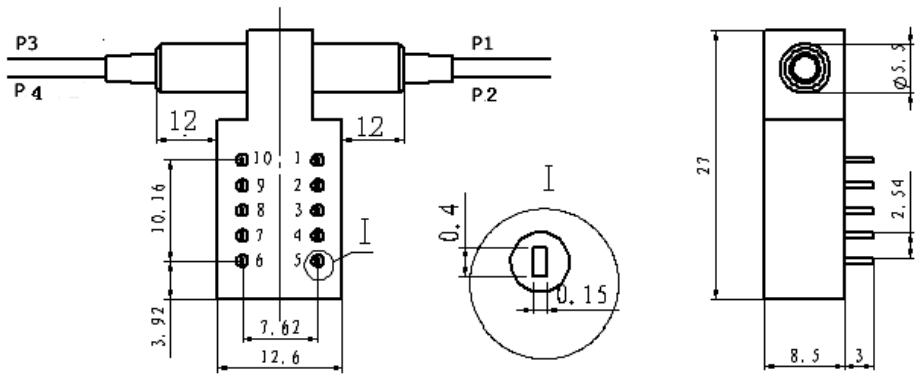
Electrical Pin Configuration:

Pin definition		Optic path	Electric drive				State monitoring			
Model number		2×2	1	5	6	10	2-3	3-4	7-8	8-9
Latching	Bar	P1-P2、P3-P4	--	--	GND	V+	Close	Open	Open	Close
	Cross	P1-P4、P3-P2	V+	GND	--	--	Open	Close	Close	Open
Non-latching	Bar	P1-P2、P3-P4	--	--	--	--	Close	Open	Open	Close
	Cross	P1-P4、P3-P2	V+	--	--	GND	Open	Close	Close	Open

Pin definition can press you now product regulation! At present, only the Non-latching

Dimensions



Ordering Information

Type	State	Operating wavelength	Port	Grade	Fiber type	Fiber length	In/Out connector type
SMS	1=non-latching 2=latching	15=1550±40nm 13=1310±40nm 35=1310/1550nm	0202=2x2 0404=4x4 0808=8x8 016016=16x16 032032=32x32 064064=64x64 01000=other	1=P grade 2=A grade	1=Bare Fiber 2=900um Jacket	1=1 Meter 2=2 Meter	1=None 2=FC/APC 3=FC/PC 4=SC/APC 5=SC/PC 6=ST 7=LC