



## MEMS SM Fiber Optical Switch Module

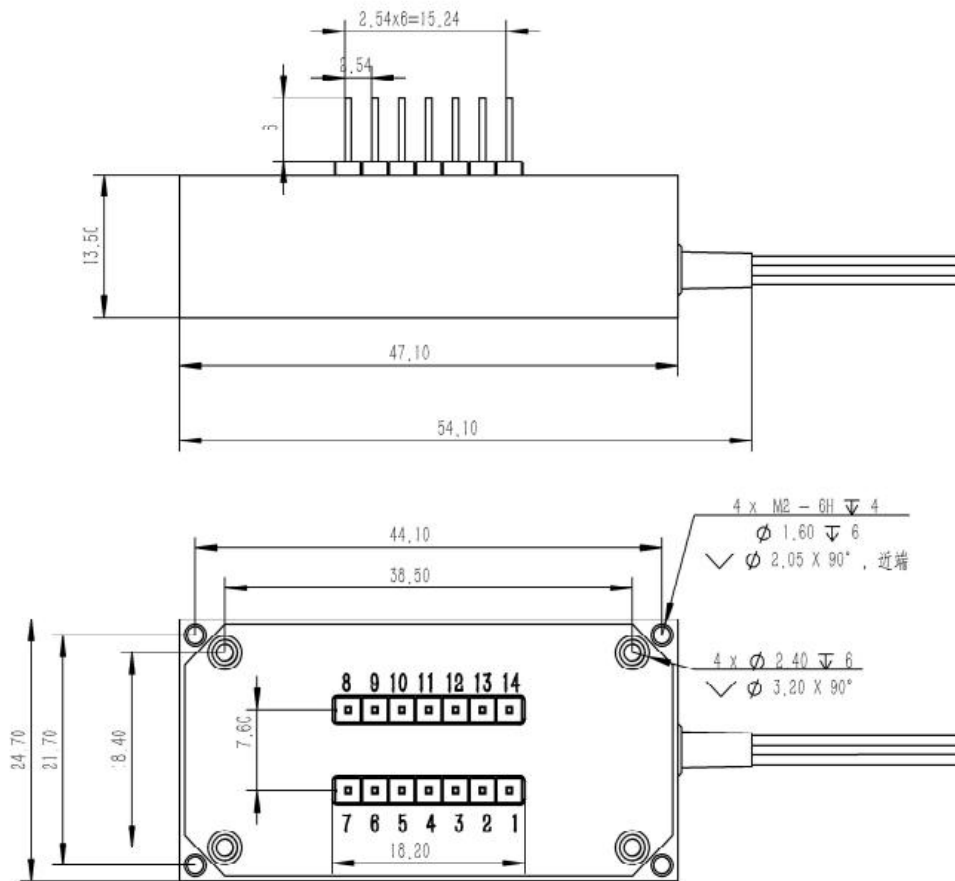
<b>Features</b>
Low Insertion Loss High Power & High Repeatability
<b>Application</b>
Fiber Network OADM, OXC, OPM Fiber sensing

### Specifications

Fiber Type	G657A2 SM fiber							
Channel	4	8	12	16	24	32	48	64
Wavelength (nm)	1310±30 or 1550±30 or 1625±30							
Insertion Loss(dB)	0.7	0.8	1	1	1.2	1.4	1.5	1.8
Return Loss (dB)	≥50							
Repeatability (dB)	≤0.03						≤0.05	
Cross Talk(dB)	≥50					≥45		
PDL (dB)	≤0.15							
WDL(dB)	≤0.3@CWL±30nm, 23°C							
TDL(dB)	≤0.3							
Operation Temperature(°C)	-5~70							
Storage Temperature °C	-40~85							
Switch Time (ms)	≤20							
Durability (cycle)	≥1×10 <sup>9</sup>							

### Electrical and Mechanical Specifications

PARAMETER	VALUE
Switch Mode	Non-latching
Control Voltage (V)	5±0.25
Control Type	TTL or TTL/RS232 or TTL/I2C
Dimension (Module) (mm)	47x24.7x13.50 (Module)



### Ordering information

MSW	Port	Wavelength	Pigtail Type	Fiber Type	Length	Connector	Package
	04=1x4 08=1x8 12=1x12 16=1x16	1310=1310 1550=1550 1625=1625	0=Bare fiber 1=900um loose tube	1=G657 A2	1= 1m	0=None 1=FC/UPC 2=FC/APC 5=MPO 6=LC/UPC 7=LC/APC	1=PCB Driver with box 2=PCB without box