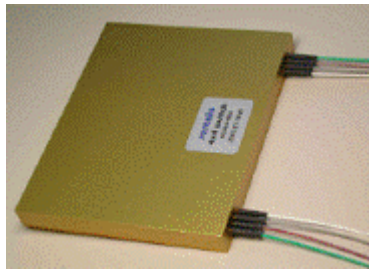


## 8x8 MEMs Optical Switch



The Fiberer's 8x8 **MEMs Optical Switch** is a very fast opto-mechanical switch array based on the MEMS technology. They are composed of an optical subsystem and an electrical driver interface. The switch is built by cascading 1x2 and 2x2 submodules which are qualified according to Telcordia GR 1221.

### Features

High reliability  
 Single mode or multi-mode  
 5 ms switching time  
 miniature size  
 Latching/non-latching

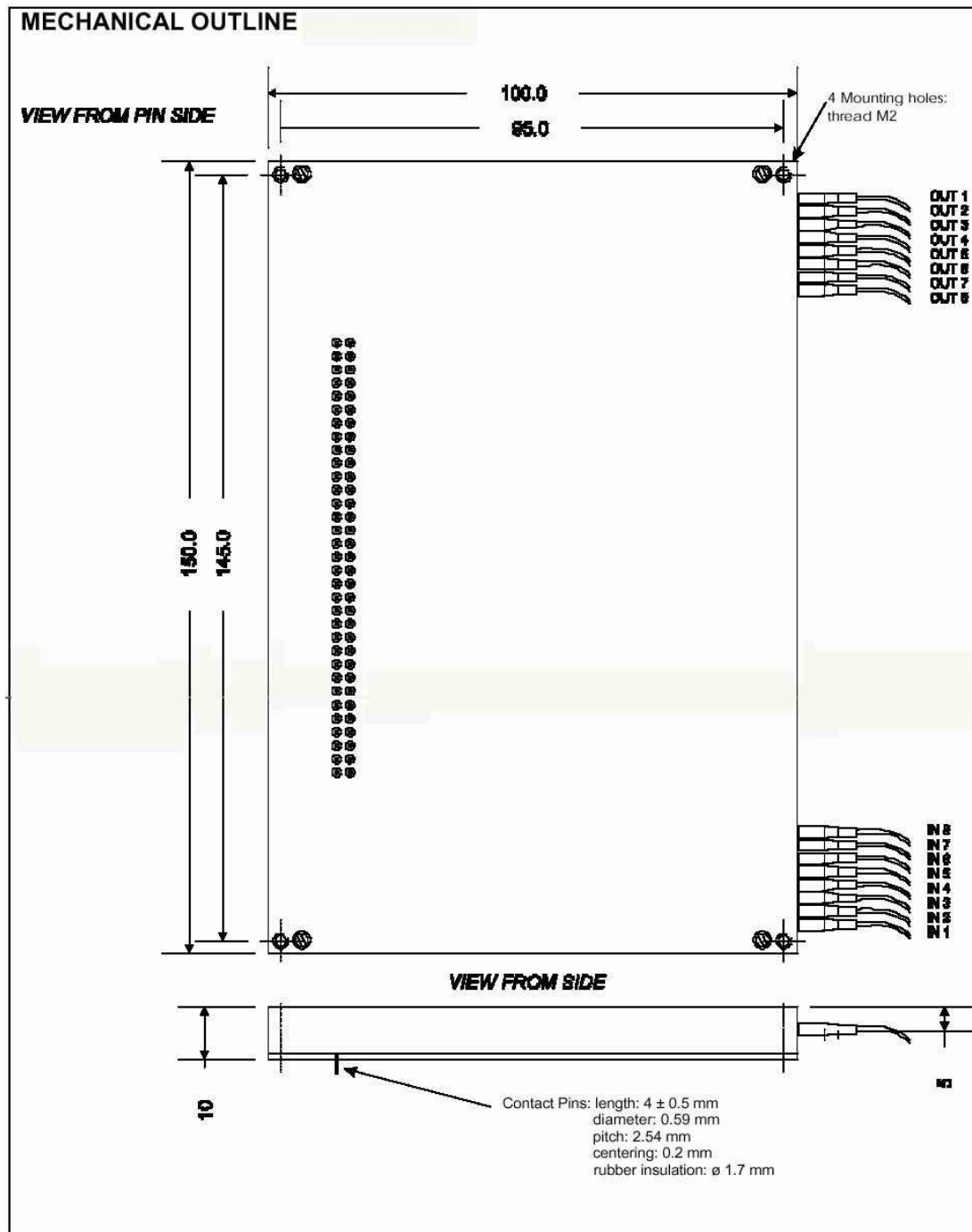
### Applications

Optical Reconfiguration  
 Instrumentation  
 Test and Measurement

### Spec and Parameter

Parameter	Value
Wavelength range	1250~1640,600~1700(multi-mode)
Insertion loss	typ.2.5dB,max 3.5dB
Return loss	typ.45 dB,Min 35dB
Polarization dependent loss	typ.0.15dB,max 0.25dB
Cross talk	Typ.55dB, Min 50dB
Switch speed	Typ.2ms, max 5ms
Durabilit	>1billion
Fiber	9/125/900um, 62.5/125/900, 50/125/900
Operating Voltage	5 VDC
Power Consumption	typ 40mW
Operation temperature	0~70
Storage temperature	-40~85
Size (L x W x H)	150 x 100 x 10mm

### Pictures



**Information of Order to Provide**

MSW	Switch channel	Latching or Non-Latching	Fiber Type	Fiber Length	Connector
	22=2x2	L=Latching	S9=SMF 900um	1=1.0m	NE=None
	44=4x4	N=Non-Latching	M5=MMF 50/125/900um	2=2.0m	FA=FC/APC
	88=8x8		M6=MMF 62.5/125/900um		FC=FC/PC
	1616=16x16				SA=SC/APC
					SC=SC/PC
					ST=ST/PC



Fiberer Global Tech Ltd

NO.1 Service NO.1 Quality

					LA=LC/APC LC=LC/PC XX=others
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