

# Mirror VOA

## Key Features

- Compact Size and Low Insertion Loss
- Ultra Fast Tuning Speed
- Extremely Low power consumption
- Hermetically sealed MEMS chip
- Compliance with Telcordia GR-468-CORE



## Applications

- Optical network power management
- Gain-tilt control in EDFA
- Channel on/off switching
- Mux/Demux module, OADM node

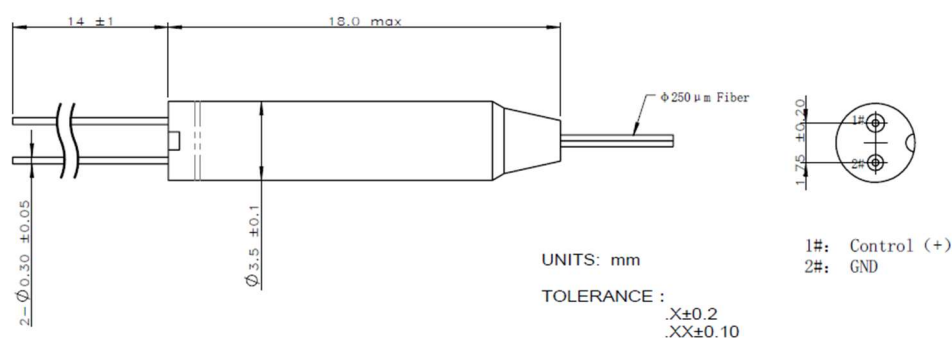
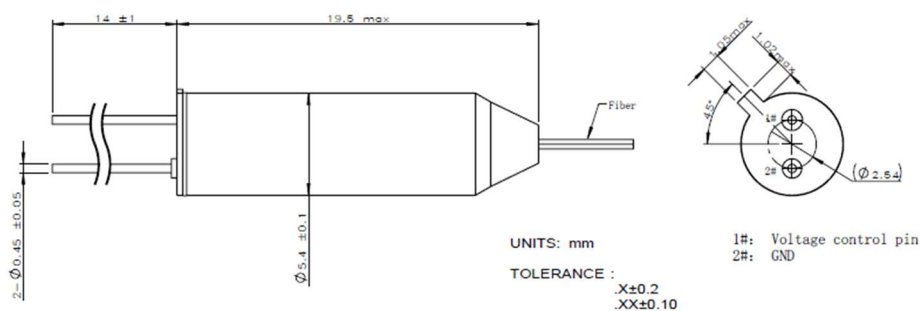
## Main Specifications

Parameter		Max	Min	Specification	Unit
Attenuation Type				Dark or Bright	
Channel Center Wavelength				C-band	nm
Attenuation Range @ 0 ~ 5.0 V			✓	25	dB
Attenuation Range @ 0 ~ 6.5 V			✓	35	dB
Insertion Loss <sup>1</sup>		✓		0.8	dB
Response Time		✓		3	ms
Wavelength Dependence Loss	0 ~ 8 dB attenuation	✓		0.5	dB
	8 ~ 15 dB attenuation	✓		1	dB
	15 ~ 20 dB attenuation	✓		1.5	dB
Temperature Dependent Attenuation <sup>2</sup>	at IL	✓		±0.3	dB
	at 10 dB	✓		±1.2	dB
	at 20 dB	✓		±1.5	dB
Polarization Dependent Loss	0 ~ 10 dB attenuation	✓		0.2	dB
	10 ~ 20 dB attenuation	✓		0.3	dB
Return Loss			✓	45	dB
Optical Power Handling		✓		27	dBm
Power Consumption		✓		0.5	mW
Drive Voltage				0 ~ 6.5	V
ESD			✓	500	V
Operating Temperature Range				-5 ~ +75	°C
Storage Temperature Range				-40 ~ +85	°C

### Notes:

1. Excluding connectors; maximum insertion loss will increase by 0.2 dB with a pair of connectors.
2. Relative to 25°C.

## Dimensions



## Order Information

### Features:

The above specifications represent the typical performance of O-Net VOA of this category.

Please contact our Sales to discuss your specific requirements.