



Features

- ☑ Mini Size
- ☑ Low Insertion Loss
- ☑ Low PDL
- ☑ Low Power Consumption
- ☑ High Reliability

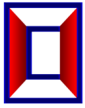


Applications

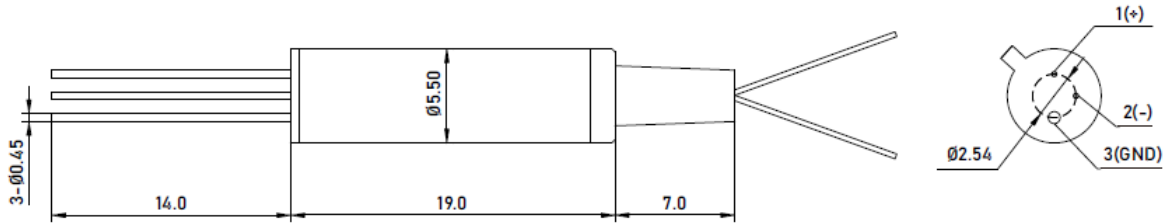
- ☑ Power Equalization in OADM
- ☑ WDM System
- ☑ EDFA Gain-TILT Control
- ☑ Optical Instruments

Specifications

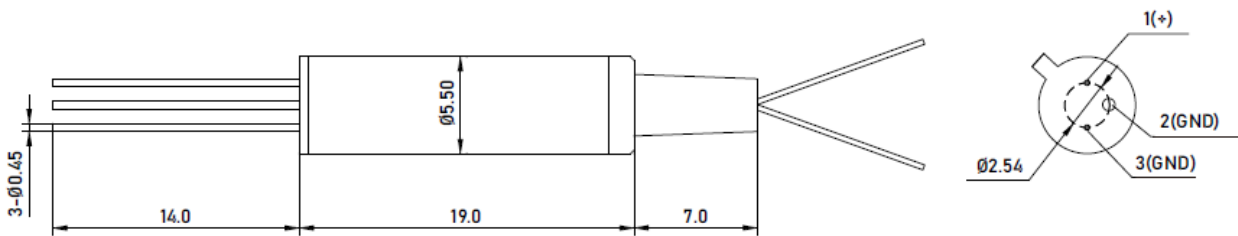
Parameters	MEMS VOA		Unit
	Bright	Dark	
Type	Bright	Dark	
Operating Wavelength	SM:1260~1620 ; MM:850/1310		nm
Attenuation Range	SM:≥30@5V ; MM: ≥30@3V		dB
Insertion Loss	≤0.7		dB
Response Time	≤8		ms
Return Loss	SM≥50 ; MM≥30		dB
WDL	≤0.25@0V		dB
Optical Power	≤500		mW
Driving Voltage	SM≤6.5 ; MM≤35		V
Operating Temperature	-20~+85		°C
Storage Temperature	-40~+85		°C
Dimension	Φ5.4×19		mm



Dimension (mm)



SM MEMS VOA



MM MEMS VOA

Pin Assignment

Pin NO.	Single Mode	Multi-Mode
1	Anode	Anode
2	Cathode	GND
3	GND	GND



Ordering Information: HC - MVOA -A-B-C-D-E-F

A	B	C	D	E	F
Type	Wavelength	Attenuation Range	Fiber Dimension	Fiber Length	Connector
1: Bright	1:C band	25:min.25 dB	025:Φ0.25mm	05:0.5m	00: None
2 :Dark	2:L band	30:min.30 dB	09:Φ0.9mm	10:1.0m	FP: FC/UPC
	3:C &L band	40:min.40dB	X:other	15:1.5m	FA: FC/APC
	4:M Multi-Mode	X:other		X:other	SP: SC/UPC
	X:other				SA: SC/APC
					LP: LC/UPC
					LA: LC/APC
					X:other