

# MEMS VOA

## Features

- Low Insertion Loss
- No Latching
- High Reliability
- RoHS Compliant

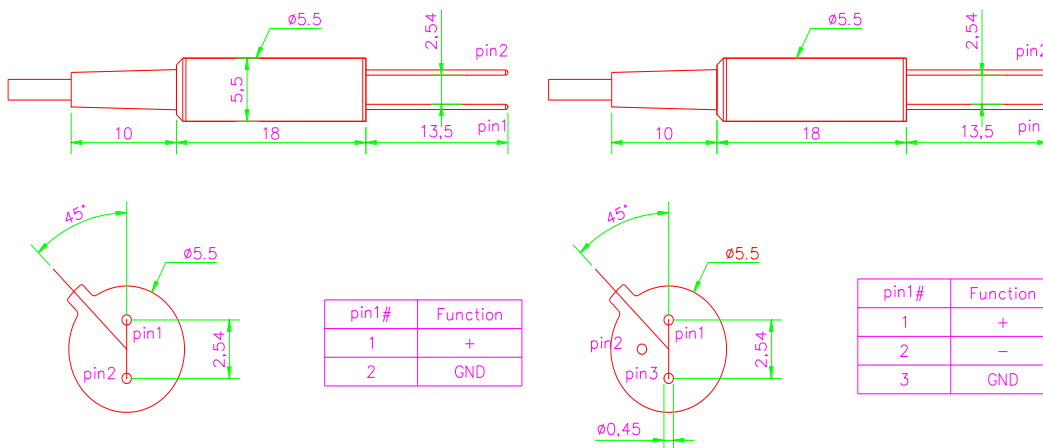
## Applications

- Power Equalization in WDM Systems
- EDFA Gain Control
- Optical Subsystem
- Receiver Protection/Switch

## Specifications

Parameters	Unit	Values
Operating Wavelength	nm	1530~1570; 1570~1610
Attenuation Type	dB	Bright or Dark
Attenuation Range	dB	≥30
Blacking State Attenuation (Dark Type)	dB	≥40
Insertion Loss (Excluding Connector)	dB	≤0.7 (Typ. 0.5)
PDL	dB	≤0.3 (Att. <0dB), ≤1.5 (Att. <20dB)
WDL	dB	≤0.1 (Att. <0dB), ≤0.3 (Att. <20dB)
TDL	dB	≤0.2 (Att. <0dB), ≤1.0 (Att. <20dB) Compare with RT
PMD	ps	≤0.1
Response Time	ms	≤2 (Typ 1)
Input Optical Power	mW	≤300
Power Consumption	mW	≤2
Driving Voltage	VDC	5.2V or 15V
Return Loss	dB	≥55
Fiber Type		SMF-28e
Operating Temperature	°C	0 ~ +70
Storage Temperature	°C	-40 ~ +85

## Package Dimensions & Electrical Pin Configuration



## Ordering Information

**SVOA- ①-②②②②-③③-④④④-⑤⑤⑤-⑥-⑦-⑧⑧**

①	Type	D=Dark; B=Bright;
②	Wavelength	1550=1530~1570nm; 1590=1570~1610nm;
③	Attenuation Range	15=15dB; 20=20dB; 25=25dB; 30=30dB;
④	Operating Voltage	5.2=5.2V; 15=15V;
⑤	Pigtail Type	250=250um Fiber;
⑥	Fiber Type	1=SMF-28e;
⑦	Fiber Length	1=1m;
⑧	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;