

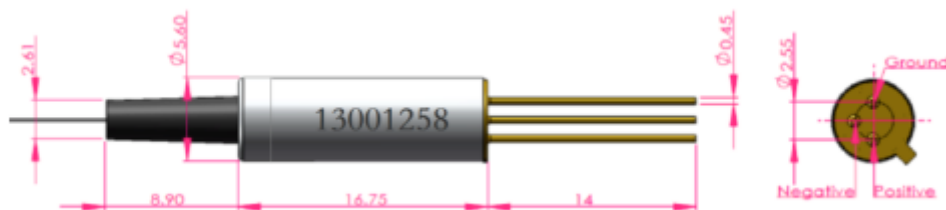
## MEMS Variable Optical Attenuator (SVOA)

<b>Features</b>	
Low insertion loss Available in both normally open and closed states	
<b>Application</b>	
Power equalization in multi-channel, optically amplified networks Gain-tilt control in erbium doped fiber amplifiers (EDFAs) Dynamic Gain/Channel Equalizers (DGE/DCE) in DWDM/CWDM networks, For ROADM power balance Receiver protection/switch during transmitter turn-ons	

### Specifications:

Parameter	Unit	Value		
Operating Wavelength	nm	980	1064	780, 850
Attenuation Range	dB	≥30	≥30	≥30
Insertion Loss	dB	≤0.9	≤0.7	≤1.5
PDL	dB	≤0.1@ 0dB , ≤0.5 @20dB		
PMD	ps	≤0.1		
Response Time	ms	≤5		
WDL	dB	≤0.3dB(0dB), 1.5dB(15~20dB)		
TDL	dB	≤0.7 (0dB), ≤1.0(0~20dB)		
Return Loss	dB	≥45		
Repeatability	dB	≤0.1		
Control Voltage	V	5 or 15		
Optical power	mW	300		
Repeatability	dB	0.1		
Attenuation Type		Bright or Dark		
Operating Temperature	□	-5 ~+65		
Package Dimension	mm	φ5.6XL16.75		

### Package Dimensions



### Ordering Information

SVOA	Type	Wavelength	Attenuation Range	Operating Voltage	Pigtail Type	Fiber Type	Length	Connector
	D=Dark B=Bright	980=980nm 1064=1064nm 850=850nm	15=15dB 20=20dB 25=25dB	5=5V 15=15V	250=250um bare fiber 900=900um loose tube	4=HI1060 6=HI780	1=1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC XX=Other