

Polarization Maintaining 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

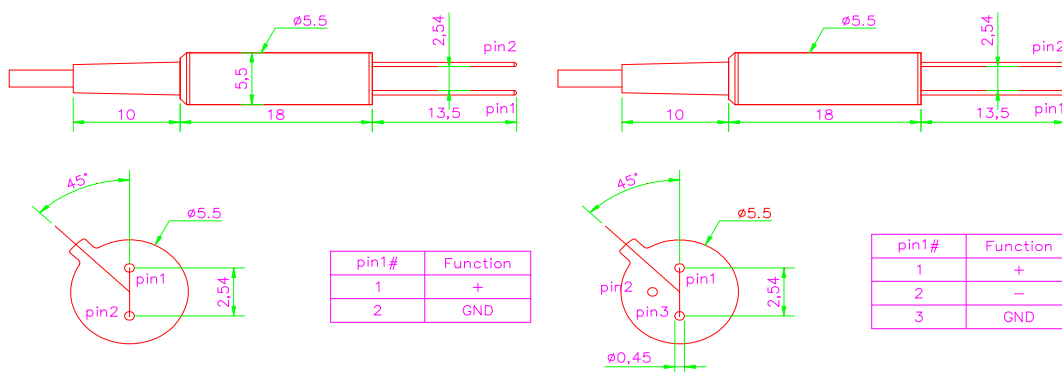
Parameters	Unit	Values	
Operating Wavelength	nm	1530~1570; 1570~1610	780±10
Attenuation Type *	dB	Bright or Dark	
Attenuation Range	dB	≥30	
Blacking State Attenuation (Dark Type)	dB	≥40	
Insertion Loss (Excluding Connector)	dB	≤0.7 (Typ. 0.5)	
PER	dB	≥20	
WDL	dB	≤0.1 (Att. <0dB), ≤0.3 (Att. <20dB)	
TDL	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		PM1550	PM780HP**
Operating Temperature	°C	0 ~ +70	
Storage Temperature	°C	-40 ~ +85	

*Dark type: while voltage minimum, attenuation in maximum state,

Bright type: while voltage minimum, attenuation in minimum state,

** Corning PM850 fiber available,

Package Dimensions & Electrical Pin Configuration



Ordering Information

PMSVOA- (1)-(2)(2)(2)(2)-(3)(3)-(4)(4)(4)-(5)(5)(5)-(6)-(7)-(8)(8)

①	Type	D=Dark; B=Bright;
②	Wavelength	1550=1530~1570nm; 1590=1570~1610nm; 780=780nm;
③	Attenuation Range	15=15dB; 20=20dB; 25=25dB; 30=30dB;
④	Operating Voltage	5.2=5.2V; 15=15V;
⑤	Pigtail Type	250=250µm Fiber;
⑥	Fiber Type	5=PM Fiber;
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;