

Features

-  Ultra-Compact Structure
-  Fast Switch Speed
-  Low Insertion Loss & PDL
-  High Reliability & Stability

Applications

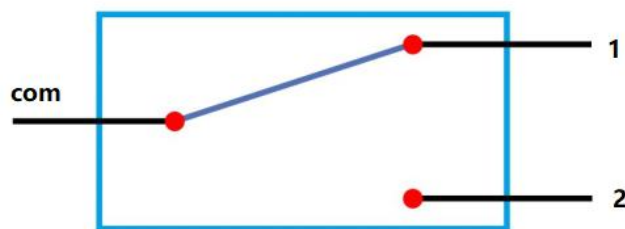
-  Network Monitor System
-  Protection
-  PON Network
-  Instrumentation

Compliance

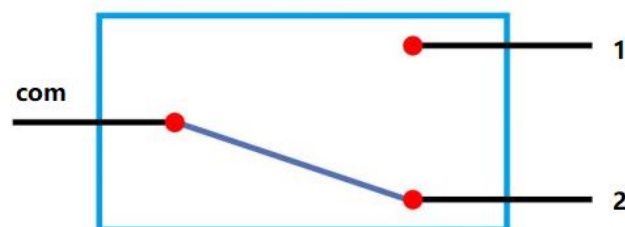
-  Telcordia GR-1221
-  Telcordia GR-1073



Optical Route



State A

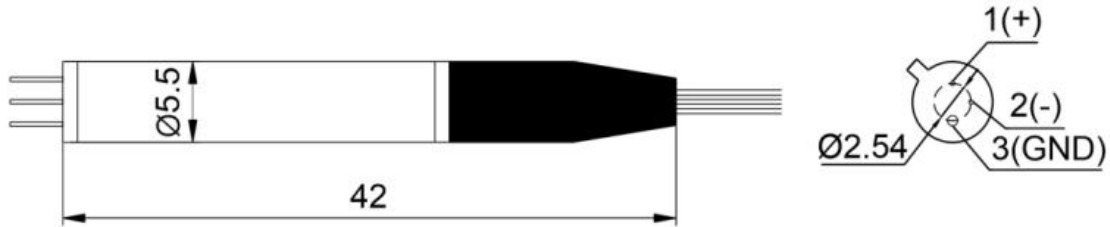


State B

Specifications

Parameters	Unit	MFSWS-1×2
Operating Wavelength	nm	1060±50
Insertion Loss	dB	≤ 1.0
WDL	dB	≤ 0.3
TDL	dB	≤ 0.3
PDL	dB	≤ 0.1
Return Loss	dB	≥ 50
Crosstalk	dB	≥ 50
Repeatability	dB	≤ ±0.02
Switching Time	ms	≤ 8
Durability	times	≥ 10 billion
Operating Voltage	V	≤ 8
Switching Mode	-	Non-Latching
Fiber Type	-	Corning HI1060
Optical Power	mW	≤ 500
Operating Temperature	℃	-20 ~ +85
Storage Temperature	℃	-40 ~ +85
Operating humidity	%	5 ~ 95
Dimension	mm	Φ5.5×42
Note: 1. Within operating temperature and all SOP. 2. Excluding connector, and add 0.3dB IL for a pair of connectors.		

Dimension(mm)



Pin Configuration

Optical Route	State	1(+)	2(-)	3(GND)
COM-1	A	0V	GND	GND
COM-2	B	5 ~ 8V	GND	GND

Ordering Information: HC-MEMS-1×2-A-B-C-D

A	B	C	D
Fiber Type	Wavelength	Fiber Dimension	Fiber Length
S:SingleMode X:other	C:C Band L:L Band O:O Band D:C+L Band X:other	25:Ø0.25mm X:other	05:0.5m 10:1.0m X:other