

## WIDEBAND FILTER WDM (1530~1570T/1610~1630R)

### Specification Review Data Sheet

Spec. Review No.	SR0832		
Revision	01	Review Date	04/26/04
Customer			
Description	FWDM, 1530~1570T/1610~1630R		
Customer P/N			
P/N	FWDM-5562-N-B-1		
Reference Document			

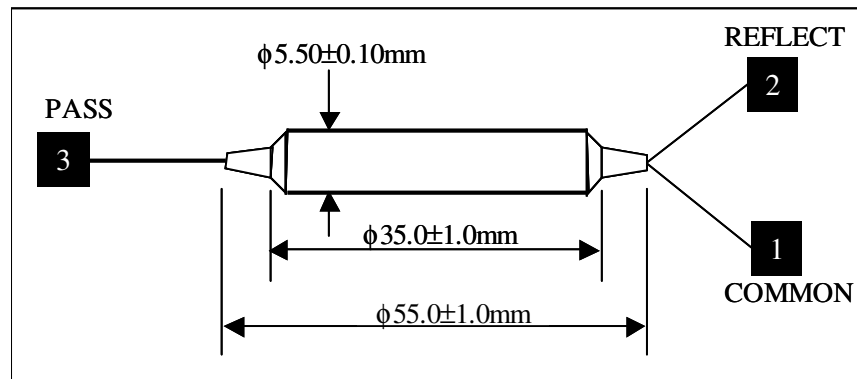
### 1.0 Environmental Specifications

Parameter	Specification	Units	Spec
Operating Temperature Range	----	°C	-5~70
Storage Temperature Range	----	°C	-40 to 85
Tensile Load	----	N	5

### 2.0 Mechanical Module Specifications

Parameter	Specification	Units	Spec
Package dimensions	----	mm	$\phi 5.5 \times 55$ (Length)
Input fiber type	----	---	SMF-28, 250um bare fiber
Fiber length	----	m	1
Optical connector type	----	---	None

**Note:** Box type package is available upon request.



Packaging Dimension



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### 3.0 Optical Specifications<sup>1</sup>

Parameter	Specification	Units	Spec
Pass Wavelength Range	----	nm	1530~1570
Reflection Wavelength Range	----	nm	1610~1630
IL @(C->P)	----	dB	≤ 0.6
Isolation @(C->P)	----	dB	≥ 25
IL @(C->R)	----	dB	≤ 0.5, typ.0.35
Isolation @(C->R)	----	dB	≥ 13
PDL	----	dB	≤ 0.10, typ.0.03
Directivity	----	dB	≥ 50, typ. 55
Optical Return Loss	----	dB	≥ 50
Power Handling (Max)	----	mW	500

<sup>1</sup> Optical specifications are given over all states of polarization and over environmental requirements of section 1.0 , and the values exclude the connectors loss.

*Users may specify the expected specifications for our final specs evaluation and quotation confirmation;  
Customized modules are available upon request!*