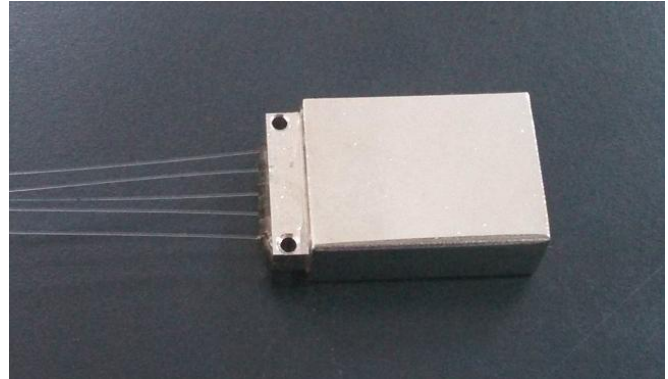


Wavelength Division Multiplexer Mini Module

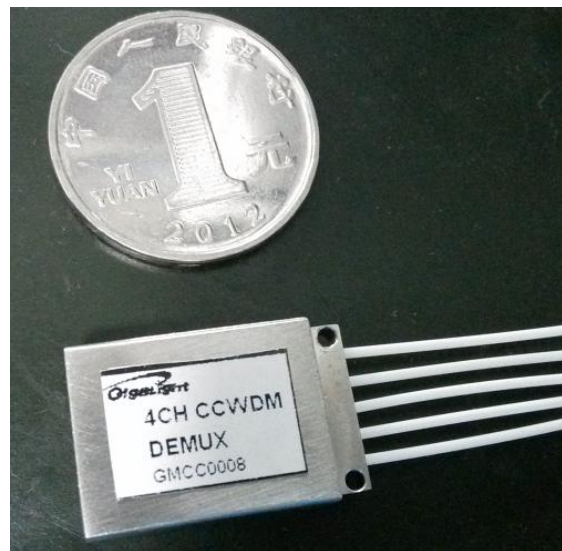
1. Features

- ◆ Low Insertion Loss
- ◆ High Isolation
- ◆ Low PDL
- ◆ Compact Design
- ◆ Good channel-to-channel uniformity
- ◆ High Reliability and Stability



2. Applications

- ◆ 40Gbps/100Gbps CFP transceiver
- ◆ CWDM System
- ◆ PON Networks
- ◆ CATV Links



3. Compliance

- ◆ Telcordia GR-1209-CORE-2001
- ◆ Telcordia GR-1221-CORE-1999
- ◆ RoHS

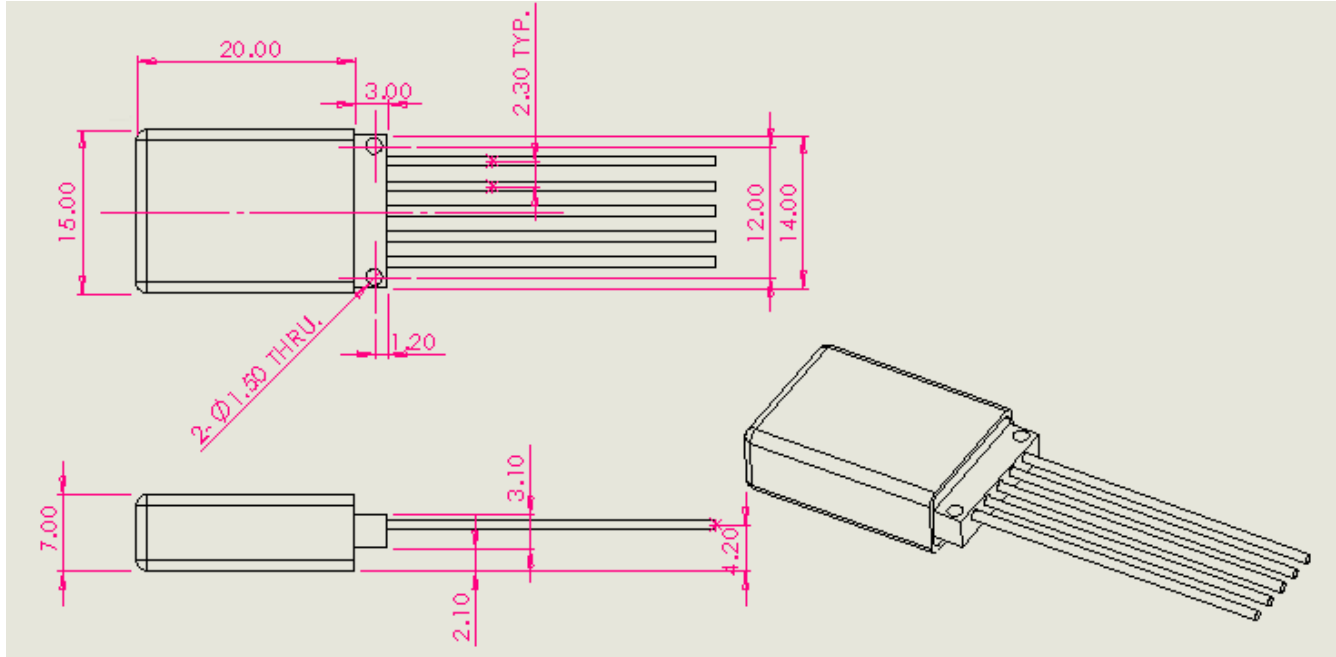
4. Specifications

Parameters		4 Channel CWDM	4 Channel 800G WDM
Center Wavelength (nm)		ITU, ITU+1	1295.56、1300.05、1304.58、1309.14
Pass band (nm)		ITU $\pm$ 6.5	CW $\pm$ 1.0
Operating Wavelength (nm)		1460~1620 or 1260~1620	1290~1320
Channel Space		20nm	800GHz
Fiber Type		SMF-28e or customized	
IL (dB)		≤ 1.5	
Isolation (dB)	Adjacent Channel	≥ 30	≥ 25
	Non-Adjacent Channel	≥ 40	≥ 30
Ripple (dB)		≤ 0.5	
PDL (dB)		≤ 0.2	
PMD (ps)		≤ 0.1	
RL (dB)		≥ 45	
Directivity (dB)		≥ 50	
Maximum Optical Power (mw)		500	
Operating Temperature (°C)		-5~75	
Storage Temperature (°C)		-40~85	
BOX Package (mm)		20*15*7	

Notes:

1. Specified without connectors.
2. Add an additional 0.2dB loss per connector.

5. Mechanical Dimensions



6. Ordering information

GWMM	-	X	X	XX	X	XX	-	X	X
		WDM type	Module Type	Start Wavelength	Fiber type	Fiber Length		In	Out
G=Gigalight		C=CWDM 1460~1620nm	M=Mux	27=1270/1271	B=250um bare fiber	05=0.5m		0=None	0=None
W=WDM		Q=CWDM 1260~1620nm	D=Demux		L=900um loose tube	10=1.0m		1=FC/UPC	1=FC/UPC
M=Mini		8=800G WDM		61=1610/1611	X=Customized	15=1.5m		2=FC/APC	2=FC/APC
M=Module				95=1295.56		XX=Customized		3=SC/UPC	3=SC/UPC
								4=SC/APC	4=SC/APC
								5=LC/UPC	5=LC/UPC
								6=LC/APC	6=LC/APC
								X=Customized	X=Customized

E-mail: sales@gigalight.com.cn
Web: <http://www.gigalight.com.cn>



深圳市易飞扬通信技术有限公司
SHENZHEN GIGALIGHT TECHNOLOGY CO.,LTD

[Http:// www.gigalight.com.cn](http://www.gigalight.com.cn)

Optical Network Transceiver Innovator

Update Records				
Update Date	Revision	Description	Update By	Release Date
2013-7-26	A0	New	Wang Peng	2013-7-26
2013-12-18	A1	Add picture and module type	Wang Peng	2013-12-18
2014-02-18	A2	Add information of 800G WDM, modify the name and ordering information	Wang Peng	2014-02-18
2014-06-12	A3	Change name	Wang Peng	2014-06-12