

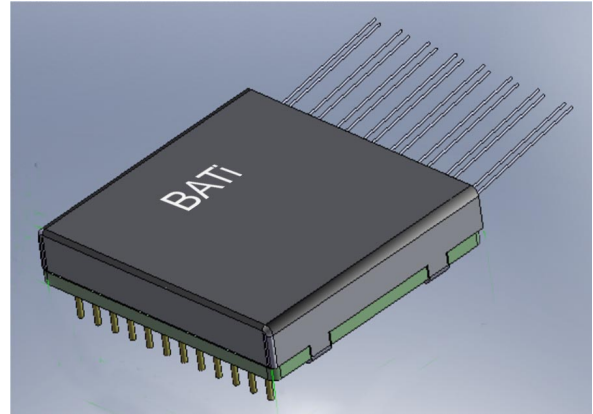
Mini PD Array Module

Features

- Compact Design
- Low Wavelength Dependent Loss
- Low Insertion Loss
- Broad Spectral Bandwidth
- High Reliability

Application

- Channel Monitoring
- Power Monitoring in Optical Interface Modules
- DWDM System Monitoring
- Gain Monitoring for Amplifier



Specifications

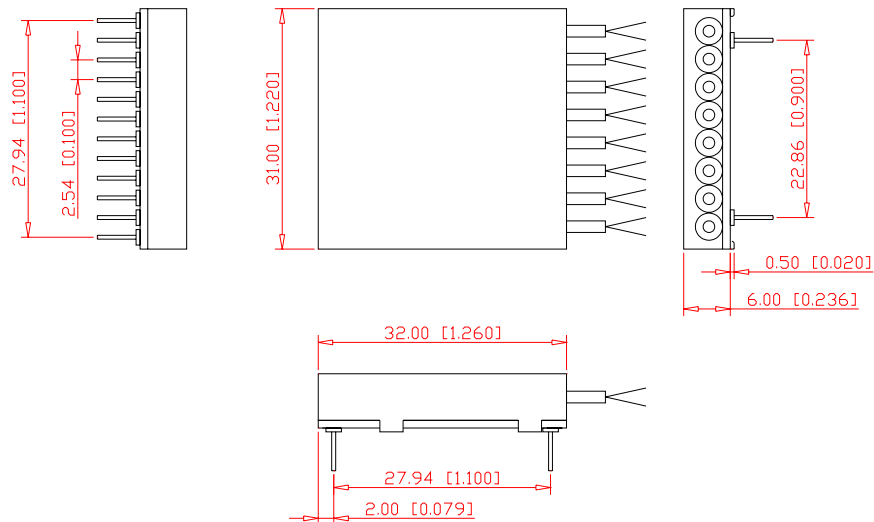
Parameter	Unit	Specification		
Operating Wavelength Range	nm	1528~1565		
Return Loss	dB	≥45 (typ.50)		
Input Power Operating Range (0 volt bias over all temperature range)	dBm	-33~+20		
PDL	dB	<0.1		
Detector Bandwidth	KHz	<600		
Dark Current(@-5 volt bias,25℃)	nA	<1		
Tap ratio	—	2%	5%	10%
Insertion Loss	dB	≤0.5	≤0.7	≤0.8
Responsibility	mA/W	14~24	35~60	70~120
Optical Power Range	mW	500	300	200
Operating Temperature Range	℃	-5~70		
Storage Temperature Range	℃	-40~85		
Operating Humidity	%	5~95		
Storage Humidity	%	5~95		
Dimension	mm	32(L) x 31(W) x 6(H)		

Absolute Maximum Rating

Reverse Voltage	V	<20
Forward Current	mA	<2
ESD Endurance	V	>500

- (1) Values referenced with tap ratio and without connector loss.
(2) C specify – Customer specify.

Package dimension



Pin Assignment

Pin Number	Description	Pin Number	Description
1	Anode com	8	Anode com
2	Ch1 cathode	9	Ch6 cathode
3	Ch2 cathode	10	Ch7 cathode
4	Ch3 cathode	11	Anode com
5	Anode com	12	Ch8 cathode
6	Ch4 cathode	13	Mounting
7	Ch5 cathode	14	Mounting

Ordering Information

OPMT — —

Tap Ratio	Center Wavelength	Package	0	Fiber Type	Fiber Jacket	Fiber Length	Connector Type
02 – 2% 05 – 5% 10 – 10%	13 – 1310±20nm CB – C band LB – L band CL – C&L band DW – 13/15 dual window	A – Mini PD Array Module C – C specify		1 – Corning SMF-28 X – C Specify	1 – 250 µm 9 – 900 µm	1 ≥ 1m X – C specify	0 – None 1 – FC/UPC 2 – FC/APC 3 – SC/UPC 4 – SC/APC 5 – LC 6 – MU X – C Specify

i.e. **OPMT-02CBA0-1110**

OPMT – 3% tap ratio, C band, mini PD array module – Corning SMF28 fiber, with bare fiber, 1 m fiber pigtail length, no connector.

Contact Information

For more information about BATi's leadership in variable optical attenuation and modulation technology and other optical networking modules and components, visit our website at www.bostonati.com.

To obtain additional technical information or to place an order for this product, please contact us at:

Phone: 1-781-935-2800
Fax: 1-781-935-2860
E-mail: sales@bostonati.com