

# EYP-MNT-0000-00000-0000-BTU02-9002

Revision 0.70

## EVALUATION BOARD for miniTA with BTU02 Package

### General Product Information

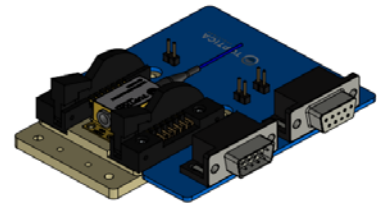
#### Product

Evaluation Board for miniTAs with BTU02 Package

fits with all products with P/N EYP-xxx-xxxx-xxxxx-xxxx-BTU02-xxxx

compatible with Thorlabs ITC4005 Laser Diode/TEC Controller

compatible with Thorlabs LDC240C LD Current Controller Module with PRO800 Chassis



### Absolute Maximum Ratings

Parameter	Symbol	Unit	min	typ	max
Storage Temperature	$T_S$	°C	-40		85
Operational Temperature	$T_C$	°C	15		50
Forward Current miniTA / $\mu$ MOPA	$I_F$	A			5
TEC Current	$I_{TEC}$	A			5

#### Measurement Conditions / Comments

non condensing  
cw and quasi-cw

### Pin Assignment miniTA or $\mu$ MOPA

1	Interlock +	6	Voltage Sense Laser Cathode
2	Photodiode (PD) Cathode	7	not connected
3	miniTA Cathode (Ground)	8	miniTA Anode
4	Photodiode (PD) Anode	9	Voltage Sense Laser Diode Anode
5	Interlock -		

### Pin Assignment TEC

1	not connected	6	not connected
2	Butterfly Thermistor	7	not connected
3	Butterfly Thermistor	8	not connected
4	TEC +	9	not connected
5	TEC -		

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## EVALUATION BOARD for miniTA with BTU02 Package

### Dimensions

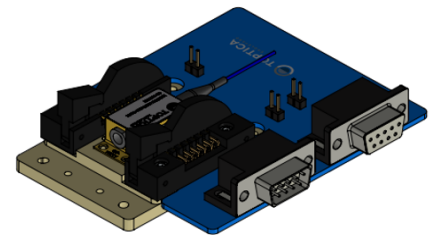
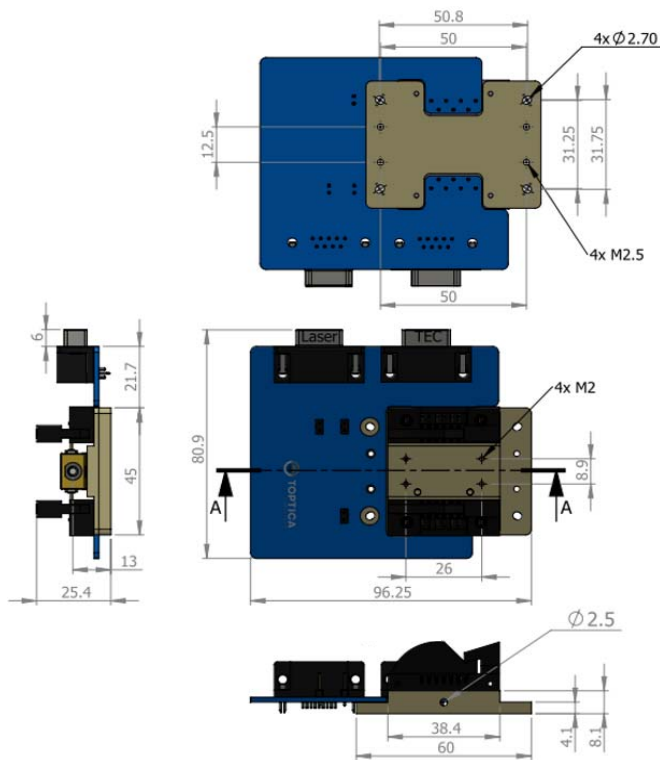
Parameter	Unit	
Size (H x W x D)	mm	80.8 x 96.3 x 25.4
Weight	kg	0.17

Comments
including connectors
including connectors

### Connectors

Input Connector Type miniTA	9-Pin D-Sub Female
Input connector Type TEC	9-Pin D-Sub Male


### Package Drawings



Drawing and picture shows evaluation board with mounted miniTA which is not an item of this product.

SWZ-23-0112-1137

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2023-01-21

## EVALUATION BOARD for miniTA with BTU02 Package

### Content

PCB	Printed Circuit Board
Coldplate	Mounting Plate for Butterfly package
D-Sub Connectors	Already preinstalled
Test Socket	Already preinstalled
Screws	For mounting of the Butterfly package and the Evaluation Board
Jumper	For Case, Interlock and ESD protection

More information available in the manual downloadable on our website.