DATA SHEET

EYP-MNT-0000-00000-0000-BTU02-9003
Revision   0.70
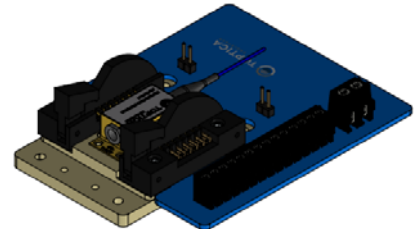
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EVALUATION BOARD
for µMOPA with BTW0x Package

General Product Information

Product

Evaluation Board for µMOPAs (and miniTAs) with BTW09 (and BTU02) Package

fits with all products with P/N EYP-xxx-xxxx-xxxxx-xxxx-BTW0x/BTU0x-xxxx

compatible with Thorlabs ITC4020 Laser Diode / TEC Controller

Absolute Maximum Ratings

Parameter	Symbol	Unit	min	typ	max	Measurement Conditions / Comments
Storage Temperature	T_S	°C	-40		85	
Operational Temperature	T_C	°C	15		50	non condensing
Forward Current µMOPA DBR	$I_{F\,DBR}$	A			5	cw and quasi-cw
Forward Current µMOPA TA	$I_{F\,TA}$	A			10	cw and quasi-cw
TEC Current	I_{TEC}	A			5	

Pin Assignment

1	TEC +		9	µMOPA DBR Cathode (max. 5 A)
2	TEC -		10	µMOPA DBR Anode (max. 5 A)
3	Butterfly Thermistor		11	Case (if Case Jumper is plugged in)
4	Butterfly Thermistor		12	not connected
5	Photodiode (PD) Anode		13	µMOPA TA Voltage Sense Anode
6	Photodiode (PD) Cathode		14	µMOPA TA Voltage Sense Cathode
7	µMOPA DBR Voltage Sense Anode		15	µMOPA TA Cathode (max. 10 A)
8	µMOPA DBR Voltage Sense Cathode		16	µMOPA TA Anode (max. 10 A)

Dimensions

Parameter	Unit		Comments
Size (H x W x D)	nm	80.8 x 96.3 x 25.4	including connectors
Weight	kg	0.17	including connectors

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EVALUATION BOARD
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Connectors

Input Connector Type µMOPA (miniTA)	Screw Terminal

Package Drawings
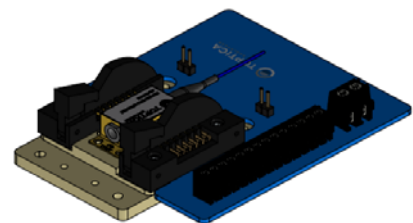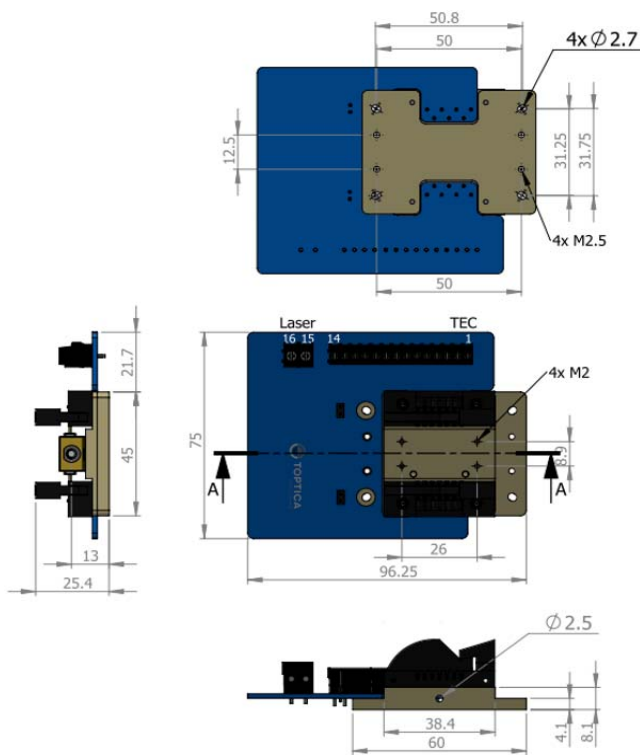
SWZ-23-0112-1137

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

Content

PCB	Printed Circuit Board
Coldplate	Mounting Plate for Butterfly package
Screw Terminal	Already preinstalled
Test Socket	Already preinstalled
Screws	For mounting of the Butterfly package and the Evaluation Board

More information available in the manual downloadable on our website.

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