

EYP-MNT-0000-00000-0000-BTU02-9001

Revision 0.70

EVALUATION BOARD for miniTA with BTU02 Package

General Product Information

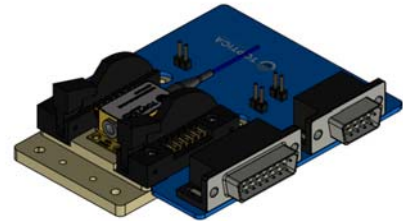
Product

Evaluation Board for miniTAs with BTU02 Package

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

compatible with Arroyo 6340 ComboSource

compatible with Arroyo 4304-(QCW) LaserSource + Arroyo 5240 TECSOURCE



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 | I_F | A | | | 5 |
| TEC Current | I_{TEC} | A | | | 5 |

Measurement Conditions / Comments

non condensing
cw and quasi-cw

Pin Assignment miniTA

| | | | |
|---|----------------|---|-------------------------|
| 1 | Interlock | 6 | Photodiode (PD) Cathode |
| 2 | Interlock | 7 | Photodiode (PD) Anode |
| 3 | Case Ground | 8 | miniTA Anode |
| 4 | miniTA Cathode | 9 | miniTA Anode |
| 5 | miniTA Cathode | | |

Pin Assignment TEC

| | | | |
|---|----------------------|----|---------------|
| 1 | TEC + | 9 | not connected |
| 2 | TEC + | 10 | not connected |
| 3 | TEC - | 11 | not connected |
| 4 | TEC - | 12 | not connected |
| 5 | not connected | 13 | not connected |
| 6 | not connected | 14 | not connected |
| 7 | Butterfly Thermistor | 15 | not connected |
| 8 | Butterfly Thermistor | | |

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Dimensions

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

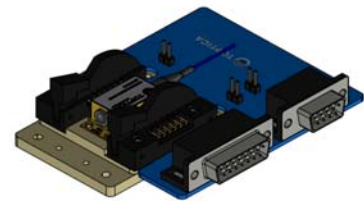
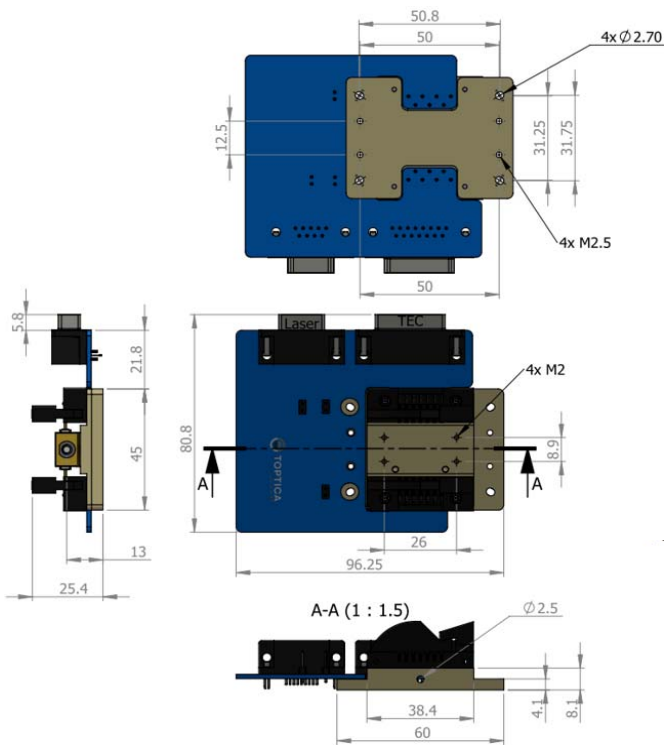
| Comments |
|----------------------|
| including connectors |
| including connectors |

Connectors

| | |
|-----------------------------|-------------------|
| Input Connector Type miniTA | 9-Pin D-Sub Male |
| Input Connector Type TEC | 15-Pin D-Sub Male |

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| |
| |

Package Drawings



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

SWZ-23-0112-1137

EYP-MNT-0000-00000-0000-BTU02-9001

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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.