

Applications

- MAFA 5000 EDFA Module Evaluation

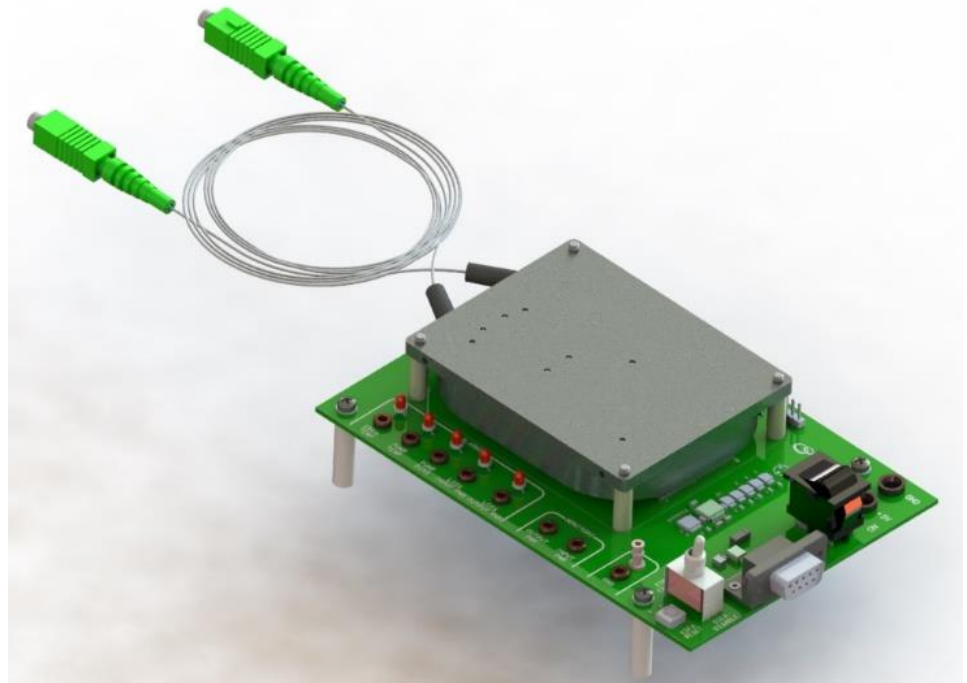
Features

- Platform Designed for Rapid Evaluation of Any Model Within the MAFA 5000 EDFA family
- Status/Alarm LEDs
- DC Power Connectors (Banana Plug Supply Cables Not Included)
- DB-9 RS-232 port and Companion USB Converter Cable
- Banana Plug Monitor and Power Ports
- Power Switch
- EDFA Enable Laser Safety Switch
- EDFA Module Reset Switch
- EDFA Module Mounting Screws
- User Manual and Companion Control/Monitor GUI

The Ortel MEB 5200 is an Evaluation Board & kit designed for use with the MAFA 5000 Series Micro Erbium Doped Fiber Amplifier (μ EDFA) module family (see separate datasheets for details of the MAFA 5000 booster and pre-amplifiers). This kit, accompanied with the companion graphical user interface communication tool allows for the evaluation, control and monitoring of any MAFA 5000 series EDFA module. It is highly recommended for first time users, researchers & developers integrating the MAFA 5000 product.

The MEB 5200 Evaluation Board is a platform designed to allow convenient evaluation of MAFA 5000 series units with minimal setup and user effort. The evaluation board contains all the required electronic circuitry, an RS-232 interface, status/alarm LEDs, monitor ports, and interfaces to power and communicate with MAFA 5000 series units that are under evaluation. The kit also ships with a TU-S9 USB to RS-232 serial converter cable for PC communication.

The MEB 5200 User Manual includes a full description for use including the evaluation board schematic and full BOM to help accelerate system integration development activities. The user supplies +5V DC with adequate current for the particular MAFA 5000 model under test, a PC to communicate with the board and a MAFA 5000 module for evaluation.

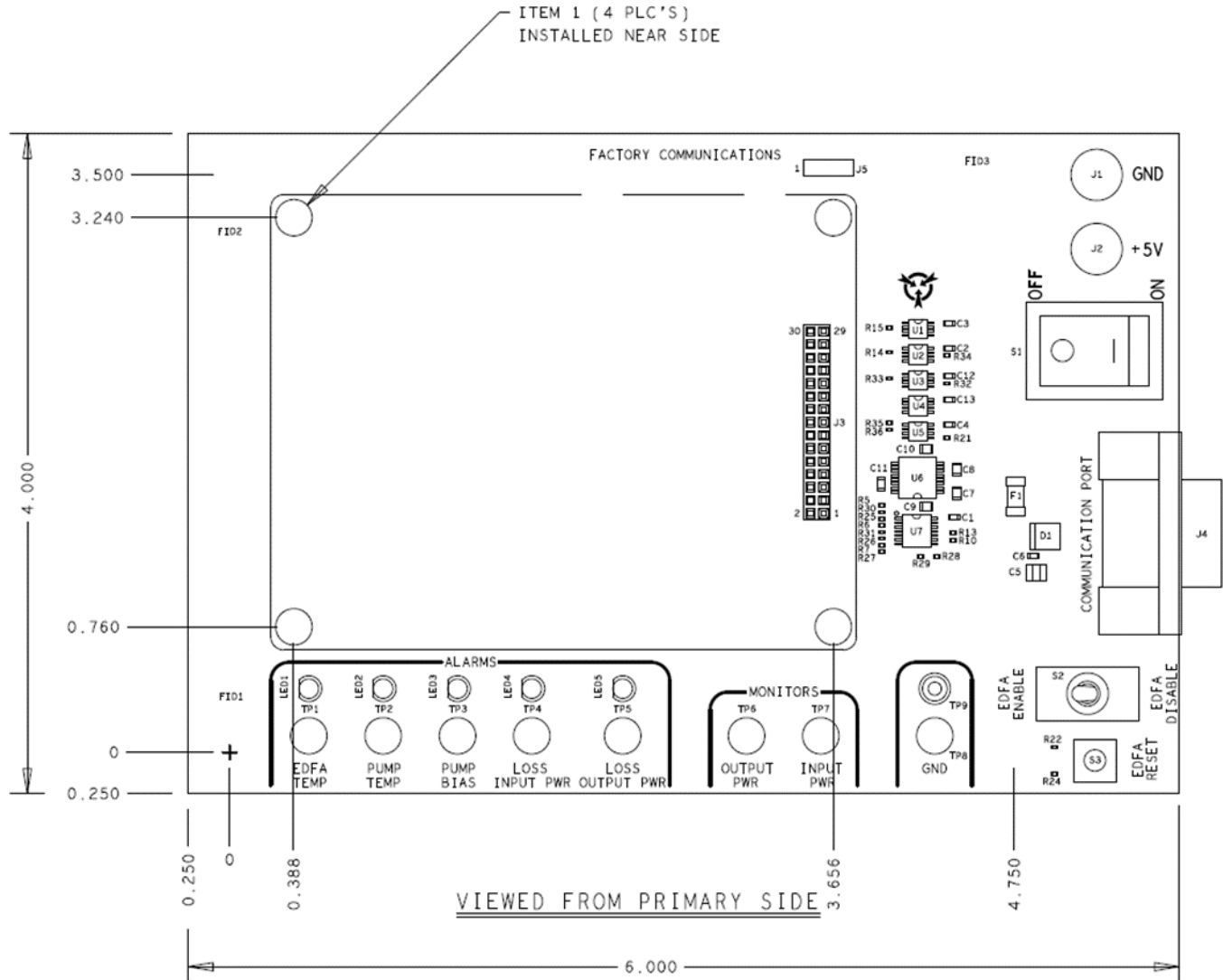


MEB 5200 Evaluation Board for MAFA 5000 Series Erbium Doped Fiber Amplifier Family

DATASHEET | APRIL 2024

CATV, SENSING & SATCOM

PCBA Design (Dimensions in Inches)



MEB 5200 Evaluation Board for MAFA 5000 Series Erbium Doped Fiber Amplifier Family



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CATV, SENSING & SATCOM

Ordering Information

Item: MEB 5200
Description: MAFA 5000 Evaluation Board Kit