

Product Document



Product Document

PD001005

EGA2000 Starboard

Starboard Description

v2-00 • 2021-Jan-18

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1 Introduction

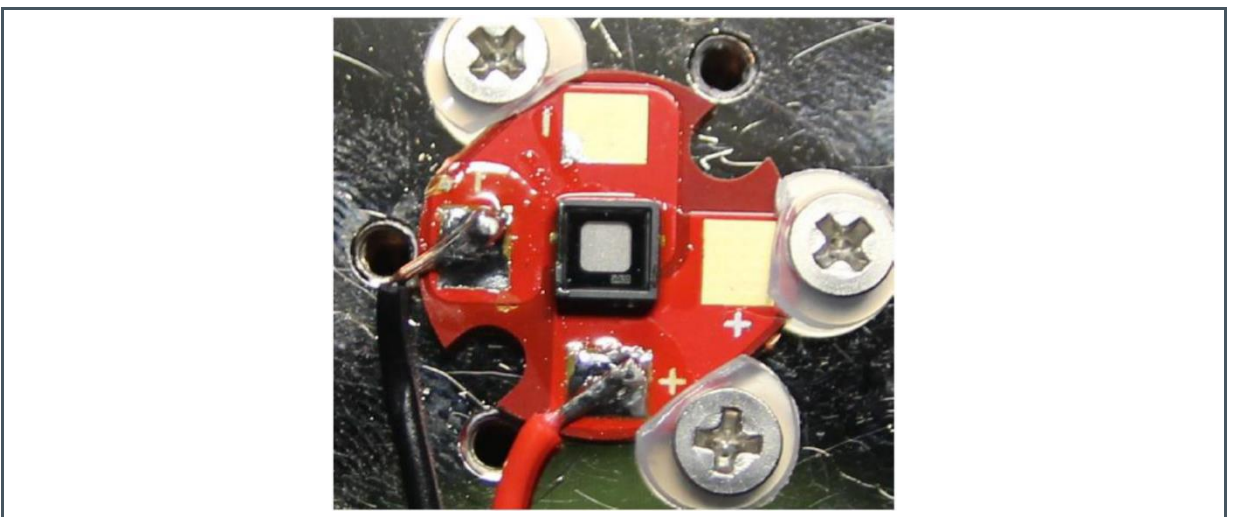
The EGA2000 starboard is a PCB adaptor with a module soldered on it, which intends to help the user to connect any EGA2000 module to an external power/control unit.

It is the user's responsibility to take care of the eye safety compliance at system level.

1.1 Ordering Information

Ordering Code	Description
Starboards EGA850N	Starboard of EGA2000-850-N
Starboards EGA850W	Starboard of EGA2000-850-W
Starboards EGA850UW	Starboard of EGA2000-850-UW
Starboards EGA940N	Starboard of EGA2000-940-N
Starboards EGA940W	Starboard of EGA2000-940-W
Starboards EGA940UW	Starboard of EGA2000-940-UW

Figure 1:
Illustration Picture of a Starboard (with connection cables not sold with the starboard)

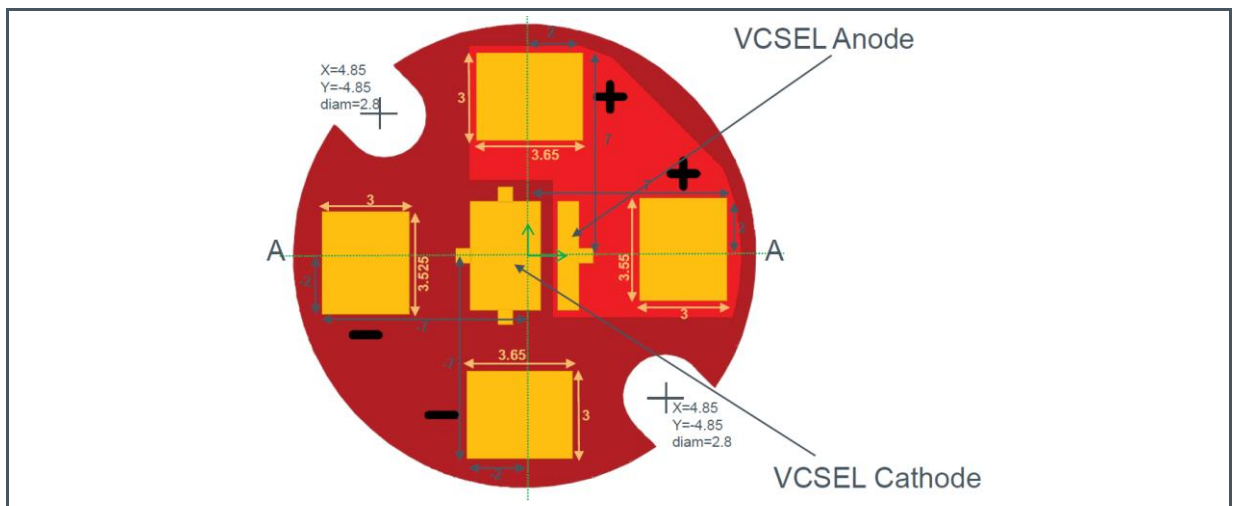


2 General Description and Features

The EGA2000 starboard has the following characteristics:

- Starboard diameter = 16 mm
- Starboard thickness= 1.6 mm
- Pad for pogo pin or soldered leads
- VCSEL Cathode and -ve pads on exposed base
- VCSEL Anode and +ve pads on top

Figure 2:
Starboards' Dimensions



The table below summarizes the features and benefits of the starboard:

Figure 3:
Added Value of Using the EGA2000 Starboard

Benefits	Features
Facilitate use of the illuminator module	Module soldered on the starboard
Facilitate lab tests	Easy access to VCSEL anode and cathode Exposed connections for power connection through cable
Small footprint	Easy handling

3 Revision Information

Changes from previous version to current revision v2-00	Page
Updated document format	

- Page and figure numbers for the previous version may differ from page and figure numbers in the current revision.
- Correction of typographical errors is not explicitly mentioned.

4 Legal Information

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Headquarters

ams AG
Tobelbader Strasse 30
8141 Premstaetten
Austria, Europe
Tel: +43 (0) 3136 500 0

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