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Datasheet for #sb7016 DN

Recommendations:

Please read the User Manual and have a look at the FAQ at
`http://www.alpeslasers.ch/?a=142`

WARNING: Operating the laser with longer pulses, higher repetition rate, higher voltage or higher current than specified in this document may cause damage. It will result in loss of warranty, unless agreed upon with Alpes Lasers!

WARNING: Beware of the polarity of the laser. This laser has to be powered with negative bias and positive bias on the specific zones drawn below.

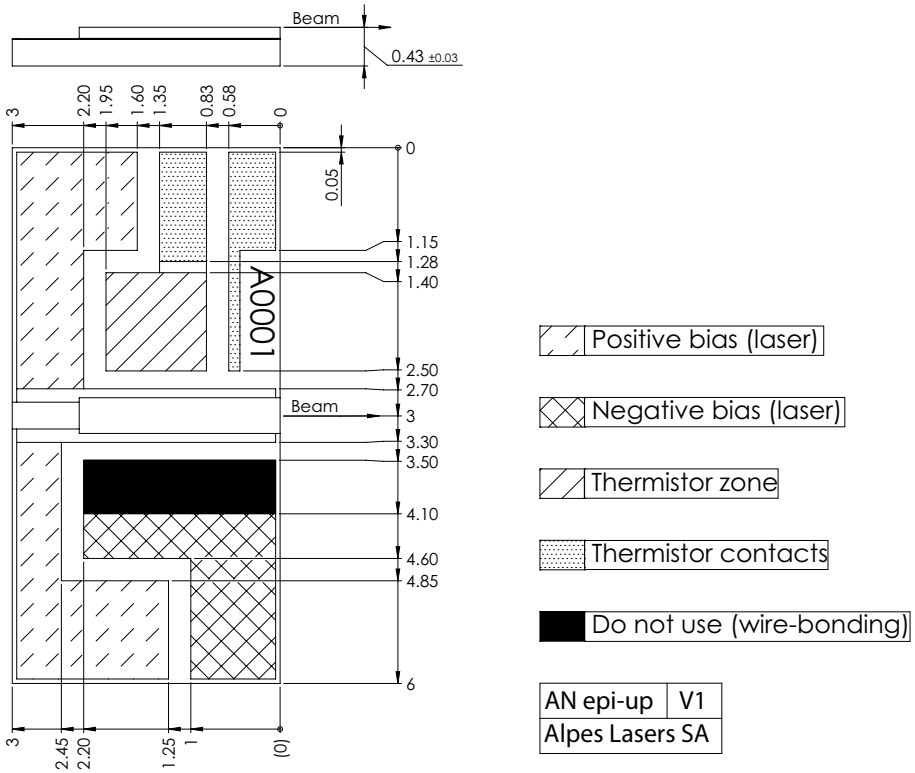

Figure 1: Support mounting for #sb7016 DN (please note that AlN submount numbering is A01KC)

Uncoated device

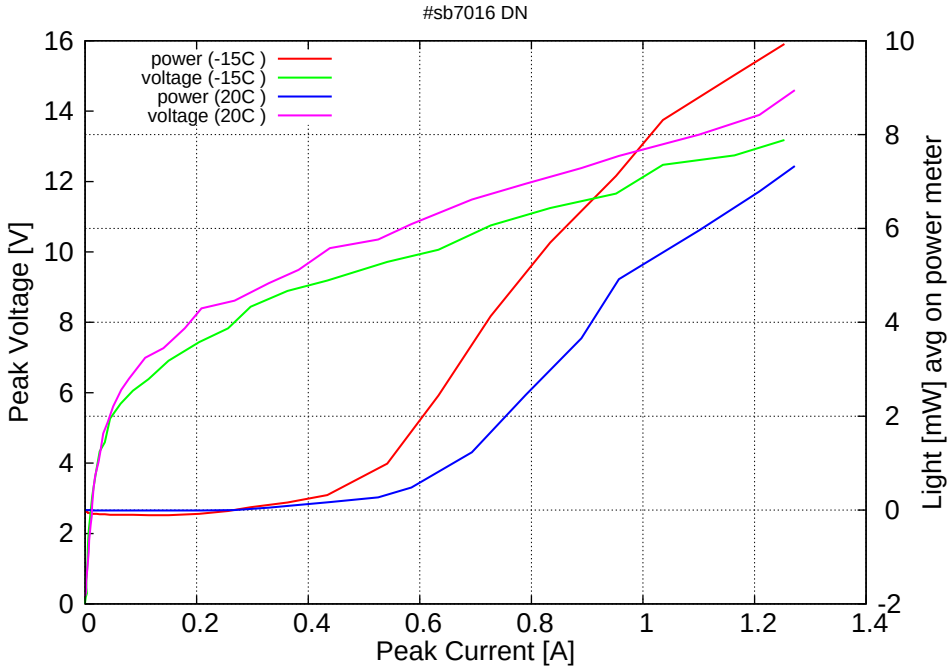

Figure 2: peak voltage and average power vs peak current at 2% duty-cycle (100ns pulses on the laser, 5μs period)

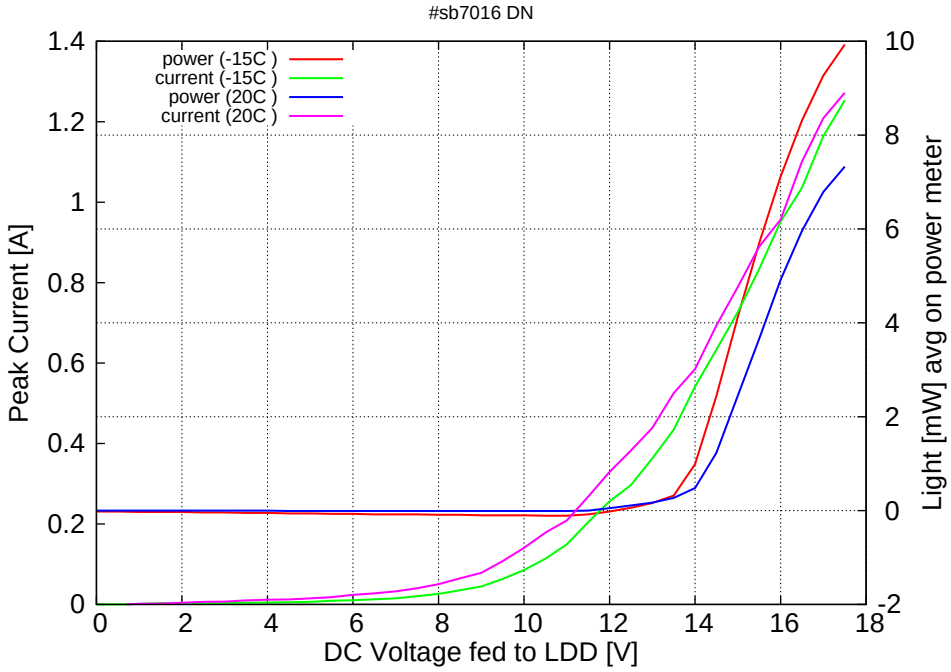

Figure 3: peak current and average power vs LDD voltage at 2% duty-cycle (100ns pulses on the laser, 5μs period)

Figure 4: spectra at various temperatures at 2% duty-cycle (100ns pulses on the laser) for uncoated device