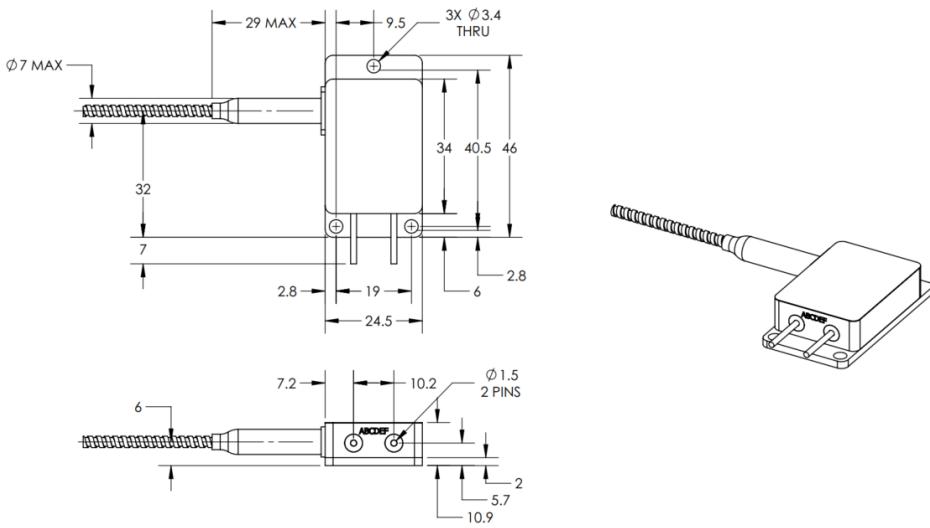


Item Number 1158249

Item Description e03-03-035-0976-3-105-0.22-SI-SMA-2.0-SS

Model e03.0350976105

ECCN: EAR99⁴

| | Units | Lower Spec | Typical | Upper Spec |
|--|---------|------------|-------------------------------|-----------------------|
| Optical | | | | |
| CW Output Power | W | 35 | 35 | |
| Wavelength Centroid | nm | 973.0 | 976.0 | |
| Spectral Width (FWHM) | nm | | | 7.0 |
| NA within 95% Power Enclosure | - | | 0.13 | |
| Fiber Core / Clad Diameter | µm | | 105 / 125 | |
| Fiber NA / Index Type / Cladding Type | - | | 0.22 NA / Step Index / Single | |
| Back Reflection Isolation 1030 - 1200nm | dB | 15 | | |
| Electrical | | | | |
| Electrical-to-Optical Efficiency | % | | 58 | |
| Threshold Current | A | | 0.6 | |
| Operating Current | A | | 12.5 | 14.5 |
| Operating Voltage | V | | 4.8 | 5.8 |
| Mechanical | | | | |
| Mass | g | | 60 | |
| Fiber Length | m | | 2.0 | |
| Active Fiber Bend Radius | mm | 1.9 | | 2.1 |
| Fiber Jacketing | - | | | 1/16" Stainless Steel |
| Fiber Termination | - | 25 | | SMA |
| Thermal | | | | |
| Waste Heat | W | | 25 | |
| Operating (Housing) Temperature ^{2,3} | °C | | +30 | |
| Wavelength Temperature Coefficient | nm / °C | | 0.35 | |
| Wavelength Current Coefficient | nm / A | | 0.9 | |
| Outline Drawing (Package Dimension 46 x 24.5 x 10.1 mm) | | | | |
|  | | | | |

Notes¹ Production specification shown are for beginning of life performance. End of life operating current (lop) is 110% beginning of life lop.² A non-condensing environment is required for operation and storage. Storage conditions are from -20 to +70 °C with relative humidity between 5 to 85 %.³ Operating temperature defined by the package housing.⁴ Export Control Classification Number (ECCN) as defined by the Export Administration Regulations (EAR).

This product is not certified in accordance with IEC 60825-1 or 21CFR1040.10/ 21CFR1040.11 and is solely intended to be integrated into a laser product certified by the Purchaser. The Purchaser acknowledges that their product (incorporating the nLIGHT laser product) must comply with the applicable regulations before it can be sold.

**Notice**

nLIGHT continually improves its products to provide customers with outstanding quality and reliability, therefore may change certain specifications and product descriptions at any time, without notice. Additionally, nLIGHT offers a limited warranty to ensure customer satisfaction. For complete details, please contact an nLIGHT sales representative.



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