

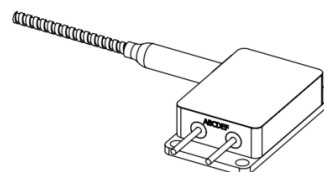
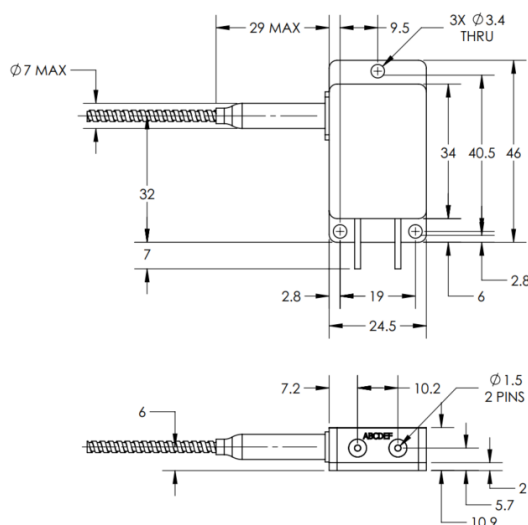
Item Number 1158249

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

ECCN: EAR99<sup>4</sup>

Model e03.0350976105

	Units	Lower Spec	Typical	Upper Spec
<b>Optical</b>				
CW Output Power	W	35	35	
Wavelength Centroid	nm	973.0	976.0	979.0
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		
<b>Electrical</b>				
Electrical-to-Optical Efficiency	%		58	
Threshold Current	A		0.6	
Operating Current	A		12.5	14.5
Operating Voltage	V		4.8	5.8
<b>Mechanical</b>				
Mass	g		60	
Fiber Length	m	1.9	2.0	2.1
Active Fiber Bend Radius	mm	25		
Fiber Jacketing	-		1/16" Stainless Steel	
Fiber Termination	-		SMA	
<b>Thermal</b>				
Waste Heat	W		25	
Operating (Housing) Temperature <sup>2,3</sup>	°C		+30	
Wavelength Temperature Coefficient	nm / °C		0.35	
Wavelength Current Coefficient	nm / A		0.9	
<b>Outline Drawing (Package Dimension 46 x 24.5 x 10.1 mm)</b>				



## Notes

- 1 Production specification shown are for beginning of life performance. End of life operating current (Iop) is 110% beginning of life Iop.
- 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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