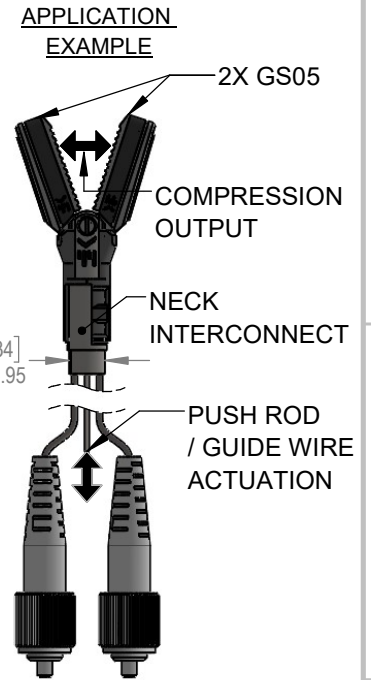
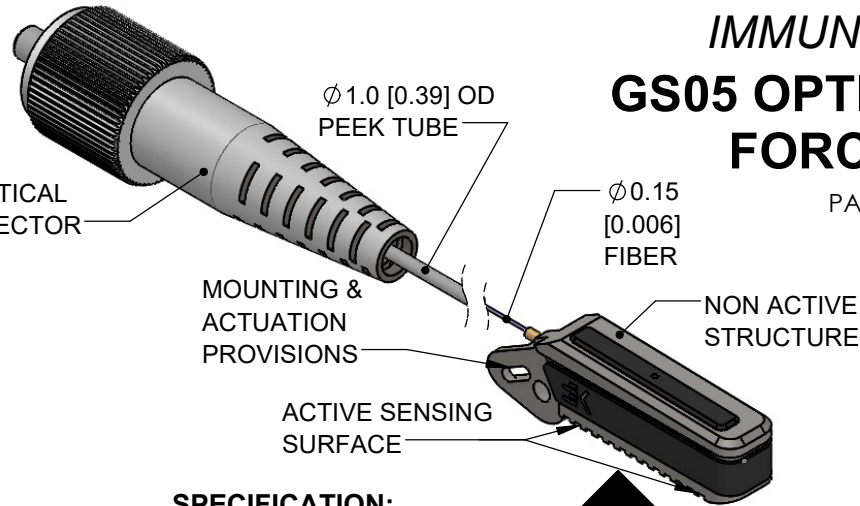


IMMUNITY SERIES GS05 OPTICAL GRASPER FORCE SENSOR

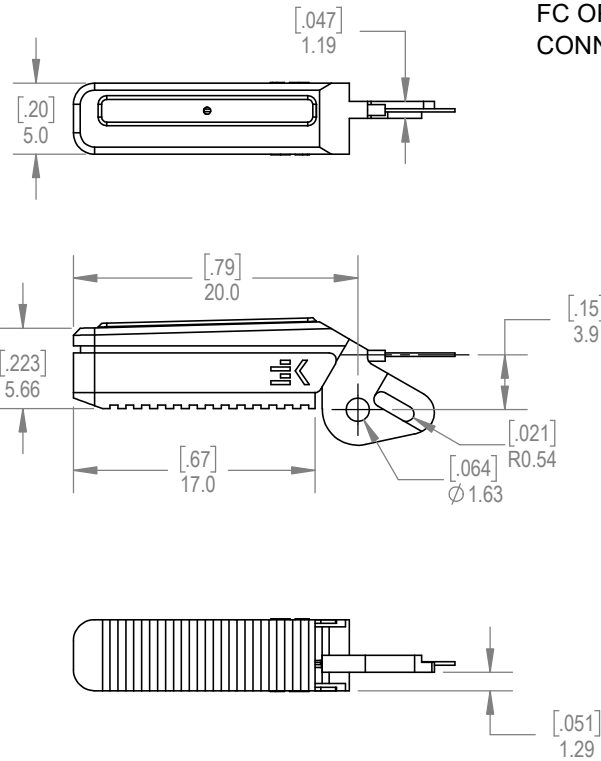
PATENT PENDING



SPECIFICATION:

- CAPACITY:** 2.2 KG [5 LB]
- OUTPUT ($\mu\epsilon$):** 3500 at FS nom.
- DEFLECTION:** 0.25 [0.01]
- SAFE OVERLOAD:** 400%
- FORCE FBG WL [nm]:** 838 (T) & 878 (C)
- FIBER OP WL [nm]:** 830
- NON-LINEARITY:** 0.5% R.O.
- OPERATING TEMP:** -55°C[-67°F] to 200°C[392°F]
- TEMP SHIFT ZERO:** +/- 0.005% R.O./°C
- TEMP SHIFT SPAN:** +/- 0.002% R.O./°C
- SENSOR BODY:** STAINLESS STEEL
- CABLE LENGTH:** 1m [3.3ft]
- CABLE JACKET:** ϕ 1mm PEEK TUBE
- CONNECTOR:** OPTICAL FC

**COMPRESSION
+OUTPUT**



*CONTACT FACTORY FOR CUSTOM CAPACITY & SPECIAL CONFIGURATIONS: INFO@LILIKOI.COM

<p>ALL DIMENSIONS ARE IN MILLIMETERS, [DUAL DIMENSIONS] ARE IN INCHES/IMPERIAL UNITS. DRAWING INTERPRETATION PER ASME-Y14.5. PATENT PENDING TECHNOLOGY BY LILIKOI innovation LLC. DO NOT REVERSE ENGINEER.</p>	<p>DRAWN BY: BL</p>	<p>TITLE: OPTICAL FINGER FORCE SENSOR</p>		 <p>WWW.LILIKOI.COM</p>
	<p>DATE: 04/29/24</p>	<p>DWG NO.: LP1004</p>	<p>REVISION 0</p>	
	<p>TOLERANCE BLOCK .X ± .250 .XX ± .125 .XXX ± .050 .XXXX ± .025</p>	<p>ANGLE CHAMFER ± .5° ± 5° 3RD ANGLE PROJ.</p> 	<p>APPROVED BY: 5/2/24</p>	<p>ITEM NO.: LLK-0005</p>
<p>DATE: MJ</p>		<p>LILIKOI innovation LLC 2108 N ST STE N, SACRAMENTO, CA 95816, USA</p>		<p>SHEET 1 OF 1</p>