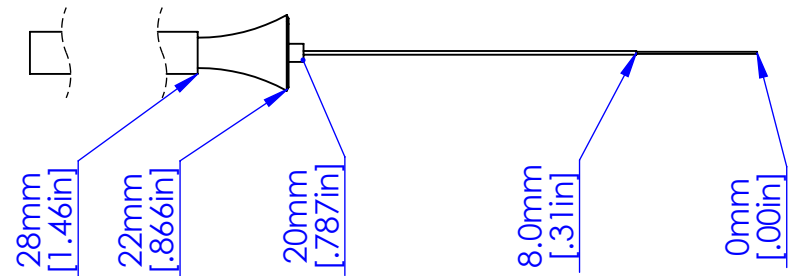


(C) COPYRIGHT 2023 BY INDUSTRIAL FIBER OPTICS, INC.
ALL RIGHTS RESERVED.

INSTRUCTIONS FOR CONNECTOR INSTALLATION:

1. SLIP BOOT AND CRIMP SLEEVE OVER CABLE JACKET.
2. STRIP 28mm OF JACKET FROM FIBER. *
3. INSERT EYELET UNDER CABLE JACKET AND ARAMID FIBERS.
4. TRIM ARAMID FIBERS TO 6mm.
5. STRIP 8mm OF BUFFER FROM FIBER.
6. APPLY EPOXY TO INSIDE OF FERRULE.
7. INSERT BARE FIBER INTO FERRULE; ROTATE FIBER DURING INSERTION TO EVENLY DISTRIBUTE EPOXY.
8. APPLY EPOXY TO KNURLING ON FLANGE AND SLIDE CRIMP SLEEVE OVER CONNECTOR.
9. CRIMP SLEEVE TO CABLE JACKET AND CONNECTOR USING 3.1mm [.122in] HEX CRIMP DIE.
10. ALLOW EPOXY TO FULLY CURE.
11. SLIP BOOT DOWN OVER CONNECTOR.
12. CLEAVE AND POLISH END OF FIBER.

* IF USING FURCATION TUBE, STRIP INNER SLEEVE OF FURCATION TUBE TO 20mm FROM TIP OF OPTICAL FIBER.



NOTES:

1. RoHS COMPLIANT.
2. -40°C TO +85°C OPERATING TEMPERATURE.
3. SUITABLE FOR MULTIMODE FIBER WITH 3.0mm OR 2.5mm OUTSIDE DIAMETER FURCATION TUBE.
4. IEC 61754-22 COMPATIBLE.
5. STAINLESS STEEL FERRULE, NUT AND CRIMP SLEEVE.
6. DUST CAP INCLUDED.
7. MAXIMUM NUT TORQUE: 0.9N-m [8in-lbs].

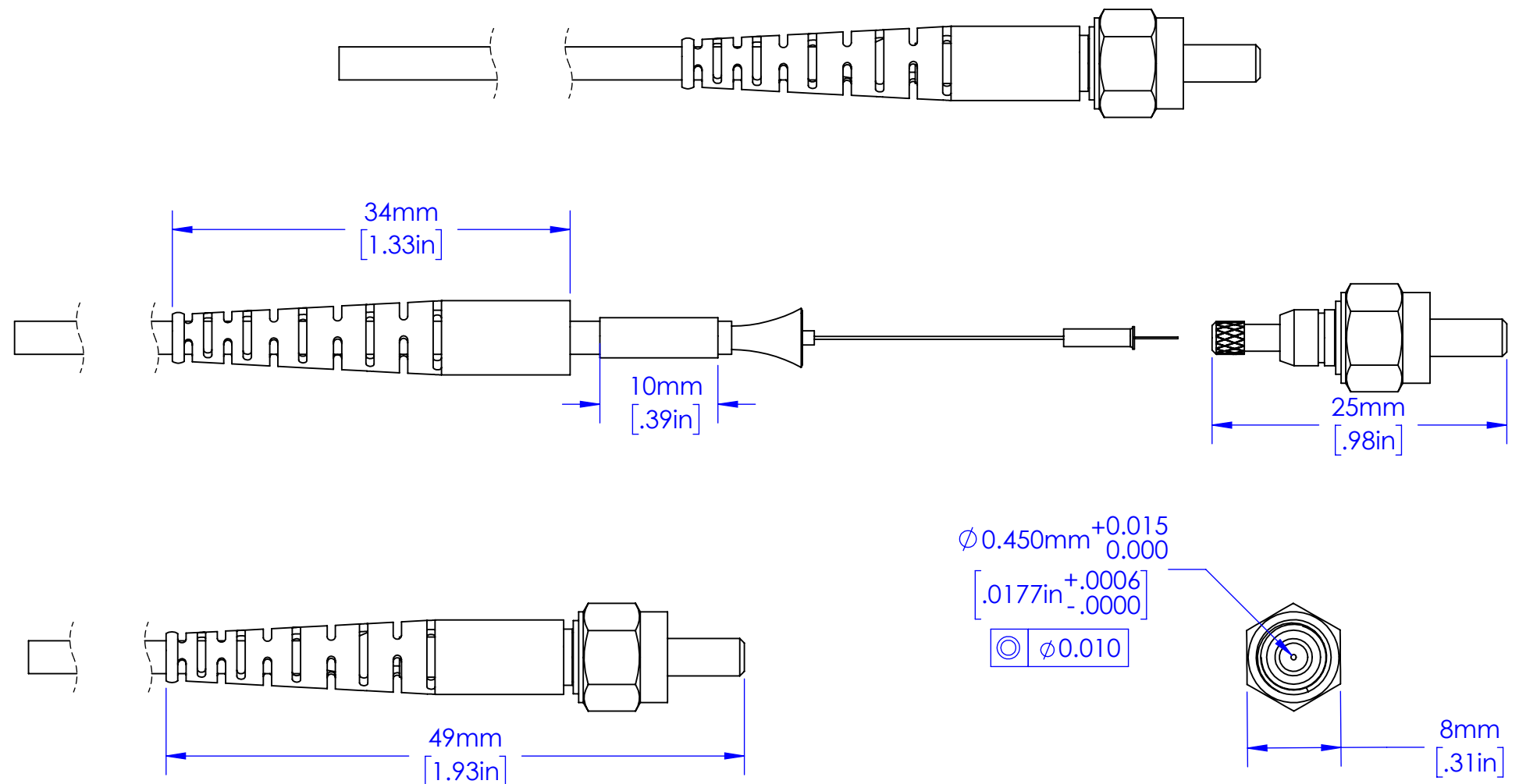
SURFACE 3.2
TEXTURE:

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INDUSTRIAL FIBER OPTICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF INDUSTRIAL FIBER OPTICS IS PROHIBITED.

| DIMENSIONS | MILLIMETERS [IN] | UNLESS OTHERWISE SPECIFIED: |
|-------------|------------------|--|
| 0 PLC: | ±1.0 | Customer: |
| 1 PLC: | ±0.3 | INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2009 |
| 2 PLC: | ±0.13 | MATERIAL |
| 3 PLC: | ±0.025 | FINISH |
| 4 PLC: | ±0.0127 | |
| ANGLE: | ±1/2 | |
| APPLICATION | | DO NOT SCALE DRAWING |

REVISIONS

| REV. | DESCRIPTION | ECO | DATE | DWN | APVD |
|------|---|-----|------------|-----|------|
| 00 | Prerelease | | 11/16/2023 | SA | AR |
| A | Initial release; Previous PN: SA202311602 | | 4/25/2023 | SA | AR |



| | | |
|---|----------------------------------|---|
| INDUSTRIAL FIBER OPTICS TEMPE, AZ 85281 | | TITLE: 450µm SMA Connector |
| SIZE B | DWG. NO. 905-0450-0121 | REV A |
| SCALE: 1:2 WEIGHT: | | SHEET 1 OF 1 |

$\varnothing 0.450\text{mm} \begin{matrix} +0.015 \\ 0.000 \end{matrix}$
 $[\begin{matrix} .0177\text{in} +0.0006 \\ -.0000 \end{matrix}]$
 $\varnothing 0.010$