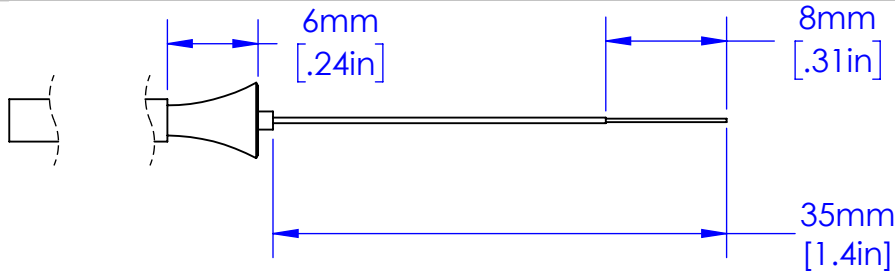


(C) COPYRIGHT 2023 BY INDUSTRIAL FIBER OPTICS, INC.
ALL RIGHTS RESERVED.

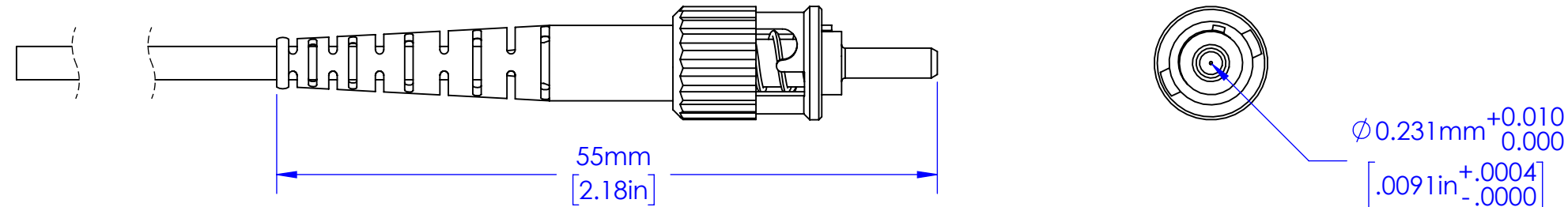
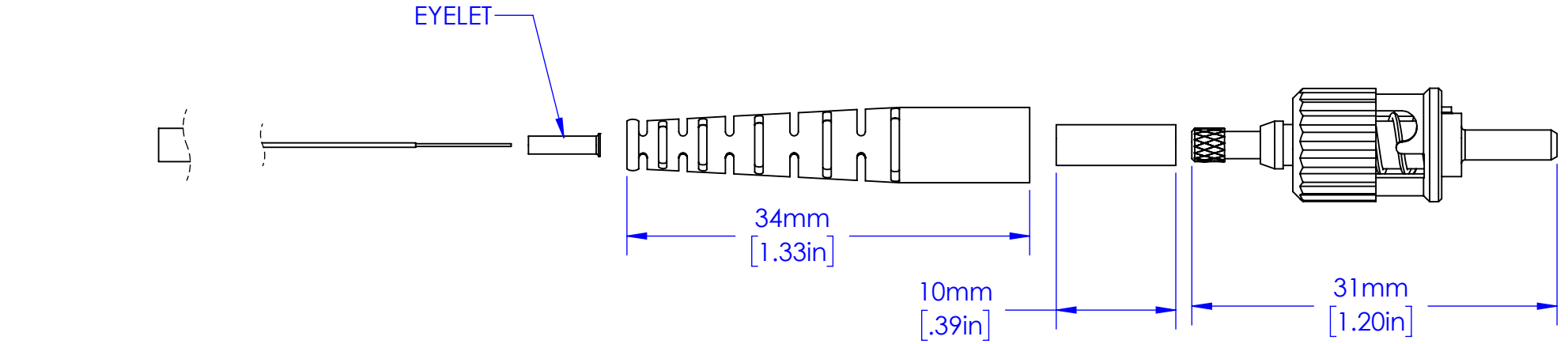
REVISIONS					
REV.	DESCRIPTION	ECO	DATE	DWN	APVD
A	Initial releasee		11/11/2021	BB	DH
B	Updated thru hole tolerance and concentricity		11/30/2023	SA	BB

- 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) TIA 604.2 (FOCIS2) COMPATIBLE.
 - 5) STAINLESS STEEL FERRULE, NUT, AND CRIMP SLEEVE.
 - 6) DUST CAP
 - 7) NICKEL PLATED ZINC NUT.



- INSTRUCTIONS FOR AC01281-10:
- 1) SLIP BOOT AND CRIMP SLEEVE OVER CABLE JACKET.
 - 2) STRIP 35mm 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 FERULE.
 - 7) INSERT BARE FIBER INTO FERRULE; ROTATE FIBER DURING INSERTION TO EVENLY DISTRIBUTE EPOXY.
 - 8) APPLY EPOXY TO KNURLING ON FLANGE AND SLIDE CRIMP 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.



RECOMMENDED EPOXY:
EPO-TEK 301

CRIMP TOOL:
USE .122" HEX CRIMP

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:	NAME	DATE	INDUSTRIAL FIBER OPTICS		
0 PLC:	±1.0	Customer:	DRAWN	S. Ahmed	11/30/23	TEMPE, AZ 85281	
1 PLC:	±0.3	INTERPRET GEOMETRIC TOLERANCING PER:ASME Y14.5-2009	CHECKED			TITLE: Connector ST 230um for 2.5mm Jacketed Cable	
2 PLC:	±0.13		COMMENTS:				SIZE DWG. NO. REV B 51 0556 B
3 PLC:	±0.025		DIMENSIONS ARE FOR REFERENCE ONLY. NO TOLERANCE MAY BE IMPLIED FROM THIS DOCUMENT.				
4 PLC:	±0.0127		MATERIAL	Stainless Steel			
ANGLE:	±1/2	FINISH	Passivated		SCALE: 1:2	WEIGHT:	
APPLICATION		DO NOT SCALE DRAWING		SHEET 1 OF 1			