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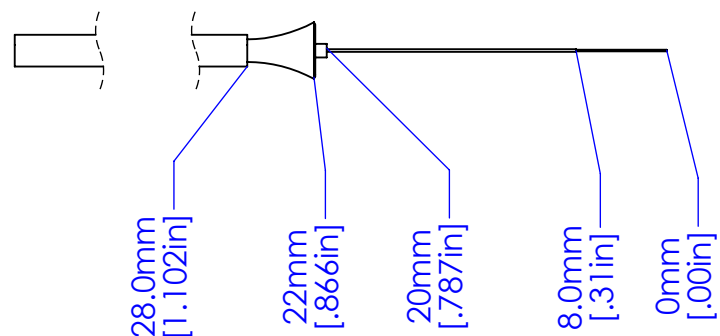
REVISIONS

REV.	DESCRIPTION	ECO	DATE	DWN	APVD
01	Changed flange, crimp sleeve and boot		10/9/2019	BB	
A	Initial release, changed strip lengths for updated flange design		10/24/2019	BB	DH
B	Updated flange design, changed strip lengths, chnged boot, added eyelet		5/22/2023	BB	DH
C	Updated bore diameter, tolerance and concentricity	00442	9/7/2023	SA	BB

INSTRUCTIONS FOR AC01281-10:

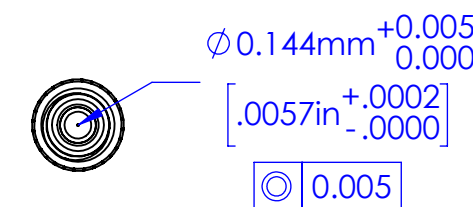
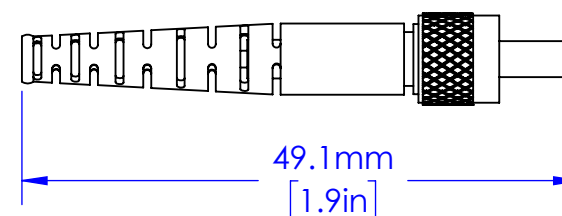
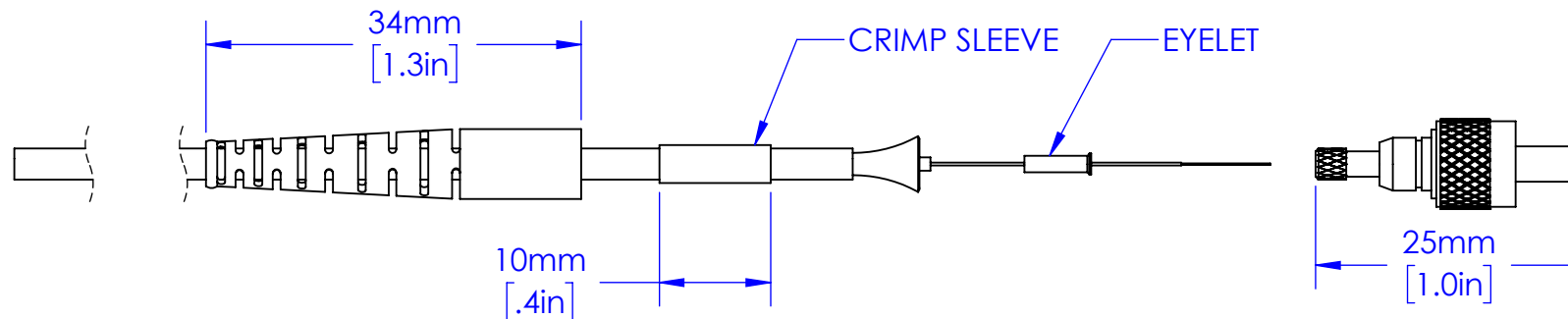
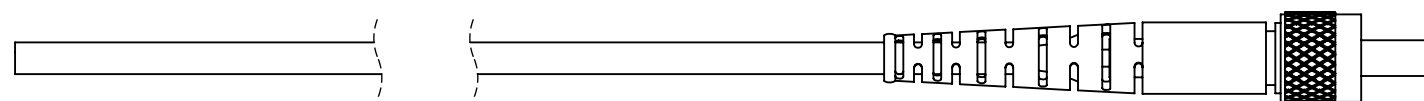
- 1) SLIP BOOT AND CRIMP SLEEVE OVER CABLE JACKET.
- 2) STRIP 28mm OF JACKET FROM FIBER. *
- 3) INSERT EYELET UNDER CABLE JACKET AND ARAMID FIBERS.
- 4) TRIM ARAMID FIBERS TO 6mm.
- 5) STRIP 8mm OF BUFFER FROM FIBER.
- 6) APPLY EPOXY TO INSIDE OF FERRULE.
- 7) INSERT BARE FIBER INTO FERULE; ROTATE FIBER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



RECOMMENDED EPOXY: EPO-TEK 301

CRIMP TOOL: USE .122" HEX CRIMP

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DIMENSIONS	MILLIMETERS [IN]	UNLESS OTHERWISE SPECIFIED:	NAME	DATE	INDUSTRIAL FIBER OPTICS TEMPE, AZ 85281	
0 PLC:	±1.0	Customer:	DRAWN	S. Ahmed 9/7/23	TITLE: Loose Tube SMA	
1 PLC:	±0.3		CHECKED	B. Bidwell 9/11/23		
2 PLC:	±0.13	INTERPRET GEOMETRIC TOLERANCING PER:ASME Y14.5-2009	COMMENTS: REMOVE BURRS AND SHARP EDGES BREAK EDGGES 0.13mm MAX FLATNESS 0.13mm PER mm ALL DIMENSIONS AFTER FINISH		SIZE	DWG. NO.
3 PLC:	±0.025	MATERIAL			B	51 0544
4 PLC:	±0.0127	FINISH	Passivated		REV C	
ANGLE:	±1/2	APPLICATION	DO NOT SCALE DRAWING		SCALE: 1:2	WEIGHT:
					SHEET 1 OF 1	