
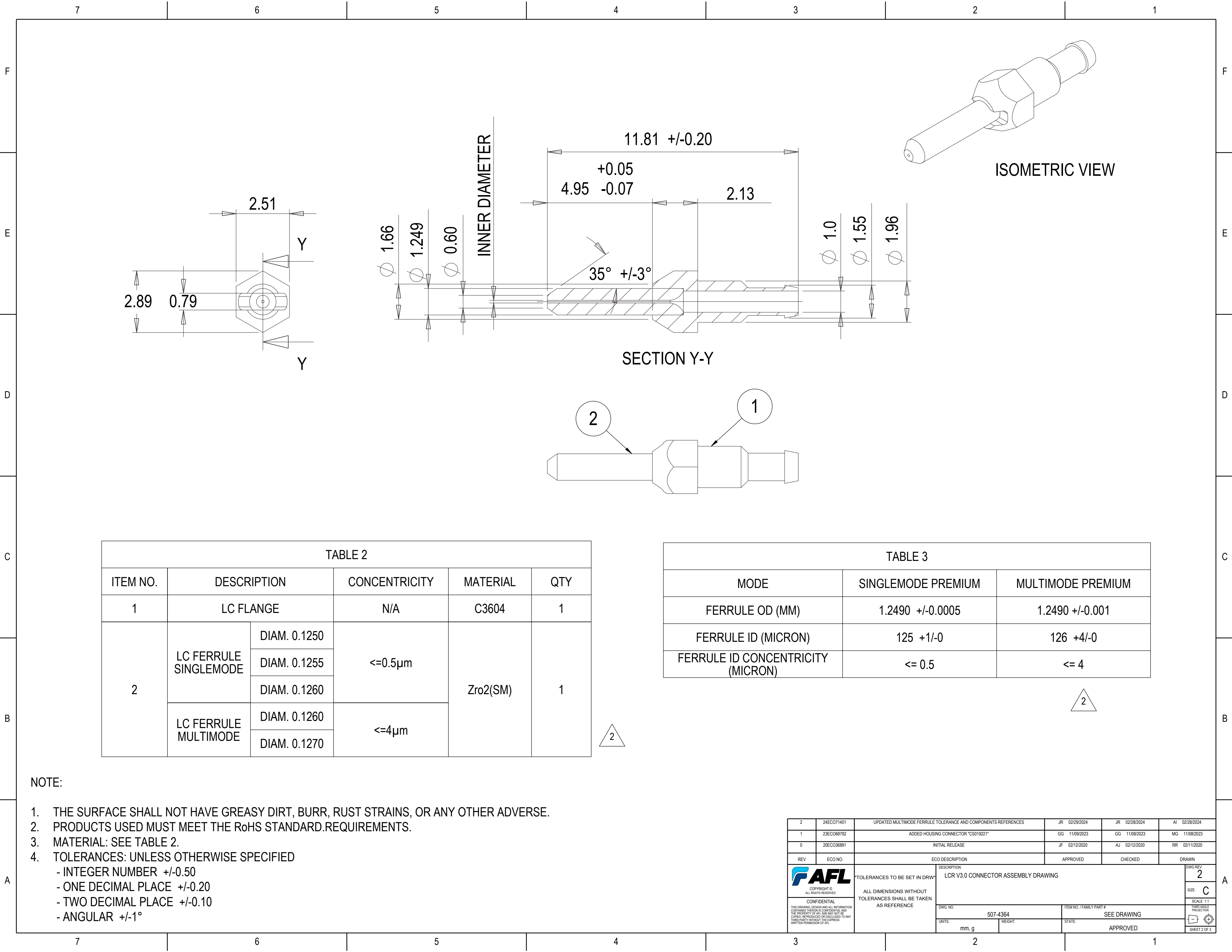


ITEM	DESCRIPTION
CS016522	LCRSM2.0BLUE - V3.0 UNIBOOT (FL-A-1052~1053-0037-06-R) WITH SQUARE DUST CAP
CS016524	LCRMM2.0AQUA - V3.0 UNIBOOT (FL-A-1052~1053-0044-01-R) WITH SQUARE DUST CAP
CS019221	LCRSM2.0EV - V3.0 UNIBOOT SM(W321083108002) WITH SQUARE DUST CAP

TABLE 1			
ITEM NO.	DESCRIPTION	DRAWING NO.	QTY
1	LCR UNIBOOT LOWER HOUSING CONNECTOR	HS-A-1909-0002-02	1
2	QUICKFLIP HOUSING COVER WITH LATCH	HS-A-1909-0003-03	1
3	REVERSE POLARITY FERRULE HOUSING FRONT END WITH CURVE LATCH	HS-A-1909-0018-04	1
4	FERRULE AND RETAINER SUB ASSEMBLY	SEE PAGE 3	2
5	CRIMP STUD	FL-A-1909-0087-01-R	1
6	HOUSING CRIMP	FL-A-1909-0088-01-R	1
7	LCR V3 3.1MM DIA BOOT	FL-A-1909-0086-XX-R	1
8	HEATSHRINK	FL-A-1909-0091-XX-R	1
9	LC DUPLEX DUST CAP (CABLE ORGANISER LANYARD)	FL-A-1909-0076-XX-R	1

DRAWING BASED ON HS-A-1053-0002 REVISION 5, WITH APPROVAL DATE 10/30/2023

2	24ECO71401	UPDATED MULTIMODE FERRULE TOLERANCE AND COMPONENTS REFERENCES		JR 02/29/2024	JR 02/28/2024	AI 02/28/2024
1	23ECO68792	ADDED HOUSING CONNECTOR "CS019221"		GG 11/09/2023	GG 11/08/2023	MG 11/08/2023
0	20ECO36891	INITIAL RELEASE		JF 02/12/2020	AJ 02/12/2020	RR 02/11/2020
REV	ECO NO.	ECO DESCRIPTION		APPROVED	CHECKED	DRAWN
<div><div><div>COPYRIGHT © ALL RIGHTS RESERVED.</div></div><div>CONFIDENTIAL</div><div>THIS DRAWING, DESIGN AND ALL INFORMATION CONTAINED THEREIN IS CONFIDENTIAL AND THE PROPERTY OF AFL AND MAY NOT BE COPIED, REPRODUCED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE EXPRESS WRITTEN PERMISSION OF AFL.</div></div> <td colspan="2" rowspan="5">TOLERANCES TO BE SET IN DRW*  ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE</td> <td colspan="2">DESCRIPTION: LCR V3.0 CONNECTOR ASSEMBLY DRAWING</td> <td>DWG REV: 2</td>		TOLERANCES TO BE SET IN DRW*  ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE		DESCRIPTION: LCR V3.0 CONNECTOR ASSEMBLY DRAWING		DWG REV: 2
				SIZE: C		SCALE 1:1
				DWG. NO. 507-4364		ITEM NO. / FAMILY PART # SEE DRAWING
				UNITS: mm, g		WEIGHT: STATE: APPROVED
				THIRD ANGLE PROJECTION		
				SHEET 1 OF 3		



F

E

D

C

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A

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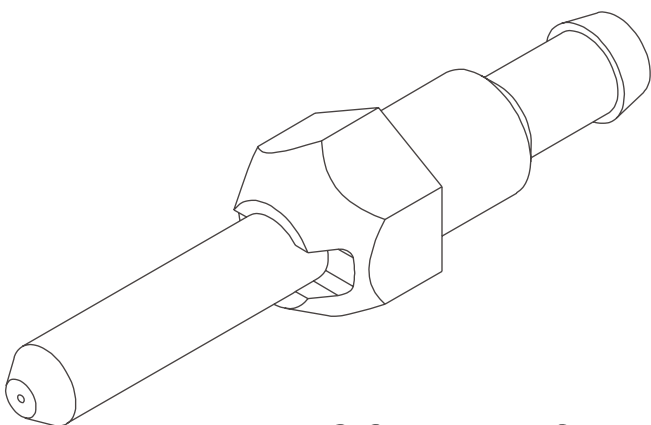
E

D

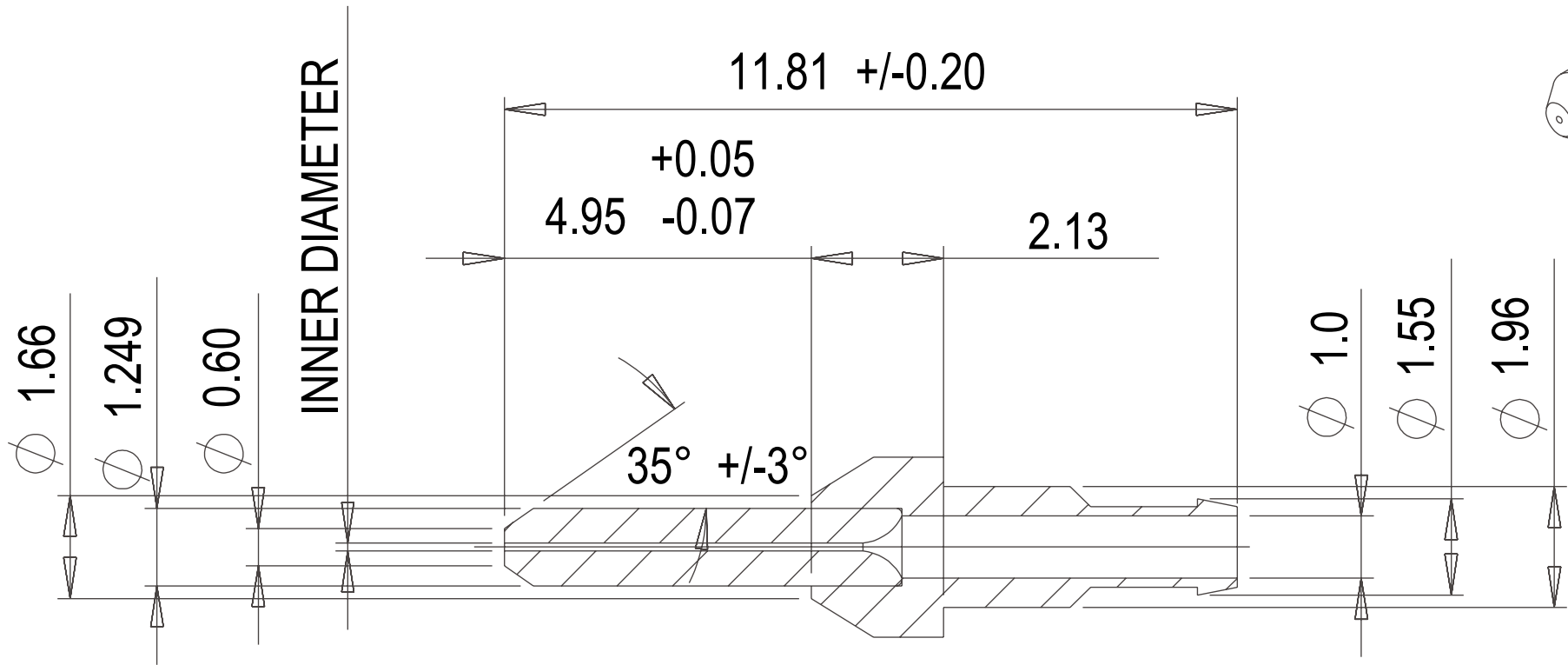
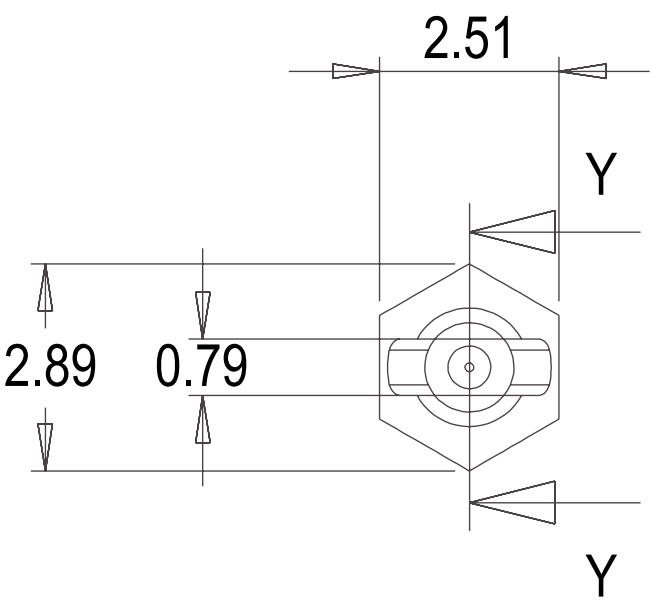
C

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A



ISOMETRIC VIEW



SECTION Y-Y

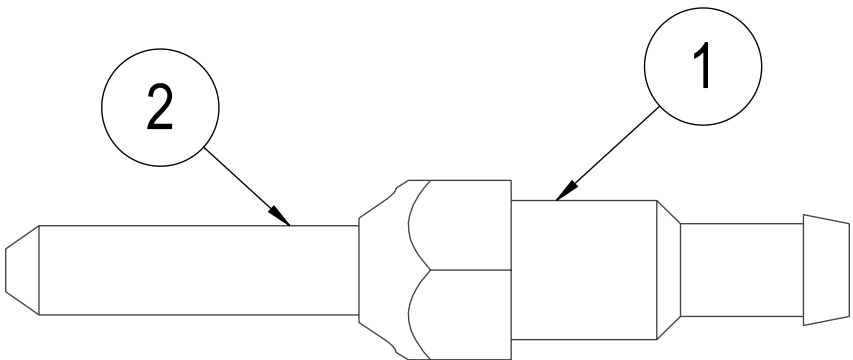



TABLE 2					
ITEM NO.	DESCRIPTION		CONCENTRICITY	MATERIAL	QTY
1	LC FLANGE		N/A	C3604	1
2	LC FERRULE SINGLEMODE	DIAM. 0.1250	<=0.5μm	Zro2(SM)	1
		DIAM. 0.1255			
		DIAM. 0.1260			
	LC FERRULE MULTIMODE	DIAM. 0.1260	<=4μm		
		DIAM. 0.1270			

TABLE 3		
MODE	SINGLEMODE PREMIUM	MULTIMODE PREMIUM
FERRULE OD (MM)	1.2490 +/-0.0005	1.2490 +/-0.001
FERRULE ID (MICRON)	125 +/-0	126 +/-0
FERRULE ID CONCENTRICITY (MICRON)	<= 0.5	<= 4

NOTE:

1. THE SURFACE SHALL NOT HAVE GREASY DIRT, BURR, RUST STRAINS, OR ANY OTHER ADVERSE.
2. PRODUCTS USED MUST MEET THE RoHS STANDARD.REQUIREMENTS.
3. MATERIAL: SEE TABLE 2.
4. TOLERANCES: UNLESS OTHERWISE SPECIFIED
  - INTEGER NUMBER +/-0.50
  - ONE DECIMAL PLACE +/-0.20
  - TWO DECIMAL PLACE +/-0.10
  - ANGULAR +/-1°

2	24ECO71401	UPDATED MULTIMODE FERRULE TOLERANCE AND COMPONENTS REFERENCES	JR 02/29/2024	JR 02/28/2024	AI 02/28/2024
1	23ECO68792	ADDED HOUSING CONNECTOR "CS019221"	GG 11/09/2023	GG 11/08/2023	MG 11/08/2023
0	20ECO36891	INITIAL RELEASE	JF 02/12/2020	AJ 02/12/2020	RR 02/11/2020
REV	ECO NO.	ECO DESCRIPTION	APPROVED	CHECKED	DRAWN
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			DWG NO. 507-4364		SIZE: C
			UNITS: mm, g	WEIGHT:	SCALE 1:1
			STATE: APPROVED	ITEM NO./FAMILY PART # SEE DRAWING	THIRD ANGLE PROJECTION SHEET 2 OF 3

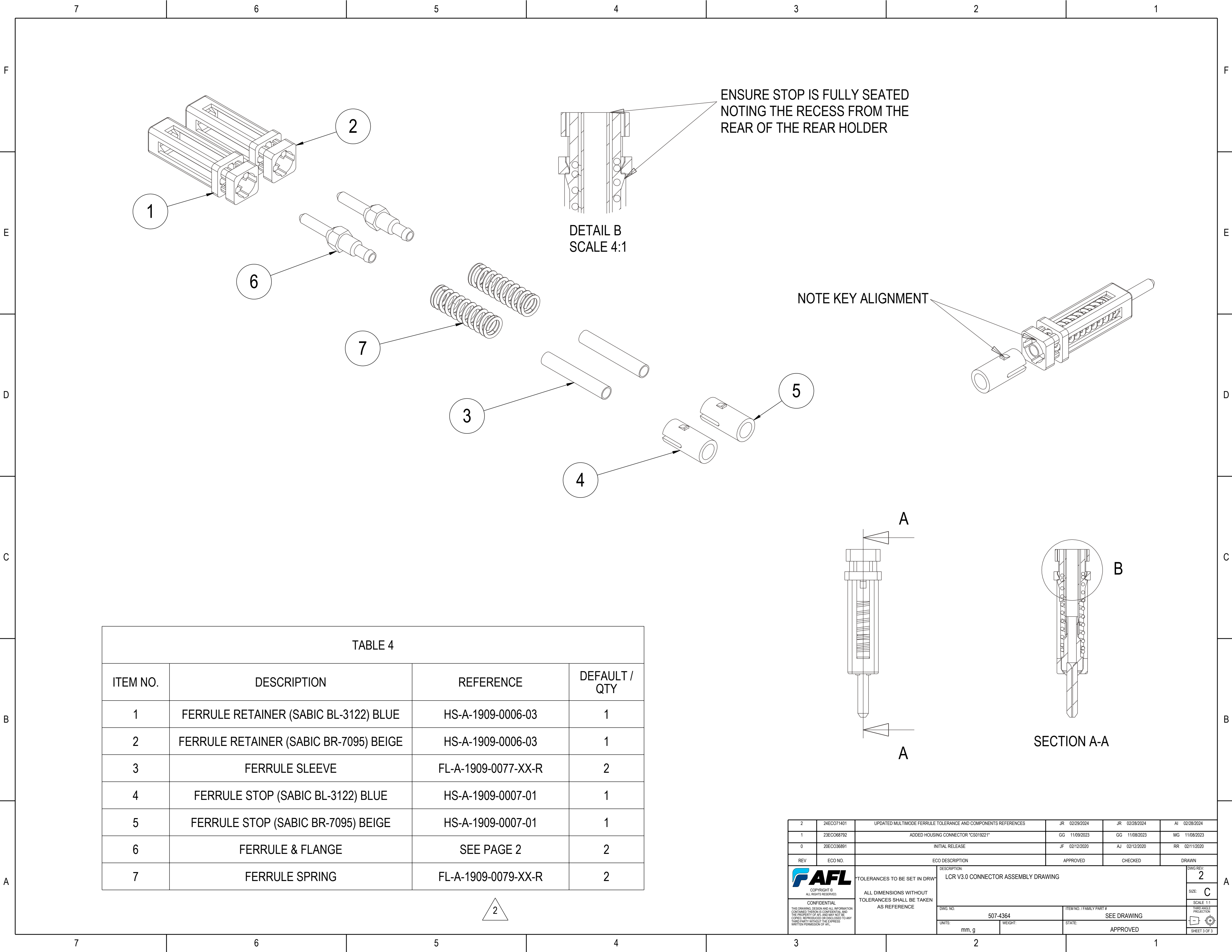



TABLE 4

ITEM NO.	DESCRIPTION	REFERENCE	DEFAULT / QTY
1	FERRULE RETAINER (SABIC BL-3122) BLUE	HS-A-1909-0006-03	1
2	FERRULE RETAINER (SABIC BR-7095) BEIGE	HS-A-1909-0006-03	1
3	FERRULE SLEEVE	FL-A-1909-0077-XX-R	2
4	FERRULE STOP (SABIC BL-3122) BLUE	HS-A-1909-0007-01	1
5	FERRULE STOP (SABIC BR-7095) BEIGE	HS-A-1909-0007-01	1
6	FERRULE & FLANGE	SEE PAGE 2	2
7	FERRULE SPRING	FL-A-1909-0079-XX-R	2

2

2	24ECO71401	UPDATED MULTIMODE FERRULE TOLERANCE AND COMPONENTS REFERENCES	JR 02/29/2024	JR 02/28/2024	AI 02/28/2024
1	23ECO68792	ADDED HOUSING CONNECTOR "CS019221"	GG 11/09/2023	GG 11/08/2023	MG 11/08/2023
0	20ECO36891	INITIAL RELEASE	JF 02/12/2020	AJ 02/12/2020	RR 02/11/2020
REV	ECO NO.	ECO DESCRIPTION	APPROVED	CHECKED	DRAWN
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			DWG. NO. 507-4364	ITEM NO. / FAMILY PART # SEE DRAWING	DWG. REV. 2
UNITS: mm, g		WEIGHT:	STATE: APPROVED	SIZE: C SCALE 1:1 THIRD ANGLE PROJECTION SHEET 3 OF 3	