

NOTES: UNLESS OTHERWISE SPECIFIED

## 1. CABLE ASSEMBLY GENERAL CONSTRUCTION SPECIFICATIONS.

- 1.1. PART NUMBER: P7AW2P9PCC-0250-MXX (REPLACE XX WITH ACTUAL LENGTH IN METERS)
- 1.2. CONNECTOR END A: LCR UNIBOOT, SINGLEMODE
- 1.3. CONNECTOR END B: LCR UNIBOOT, SINGLEMODE
- 1.4. CABLE TYPE: PLENUM MICROCORE
- 1.5. FIBER COUNT: 2 FIBERS
- 1.6. FIBER TYPE: (K) FUJIKURA FUTURE GUIDE SR-15E, SINGLEMODE
- 1.7. POLARITY: A/B

2. FOR OPTICAL PERFORMANCE TEST, END FACE VISUAL INSPECTION AND TEST INTERFEROMETER INSPECTION ON LC CONNECTORS, SEE DWG AFM 207-0531

3. CUSTOMER ORDERED LENGTH MEASURED FROM THE END OF SIDE A TO THE END OF SIDE B.

- 3.1. WHERE "XX" IN PART NUMBER (P7AW2P9PCC-0250-MXX) IS THE CUSTOMER ORDERED LENGTH.  
3.2. UNIT OF MEASUREMENT: METERS.

#### 4. LCR CONNECTOR

- 4.1. FERRULE HOUSING COLOR SPECIFICATION FOR A/B POLARITY:
- IN END A, ALL "A" CHANNELS SHALL HAVE BLUE HOUSING & "B" CHANNELS BEIGE HOUSING.
  - IN END B, ALL "B" CHANNELS SHALL HAVE BLUE HOUSING & "A" CHANNELS BEIGE HOUSING.
- 4.2. ASSEMBLY MUST BE SHIPPED WITH INDIVIDUAL T-SHAPE DUST CAPS (SK3 2.0) PLACED ON ALL LC CONNECTORS.

## 5. LABELING



- ### 5.1. PRINTING SPECIFICATIONS:





<i>LABEL NAME</i>	<i>DRAWING NUMBER</i>
PART MARK LABEL	207-0496
SERIAL NUMBER LABEL	207-0497
PRODUCT LABEL	207-0498
BOX LABEL	207-0499
SHIPPING LABEL	207-0282

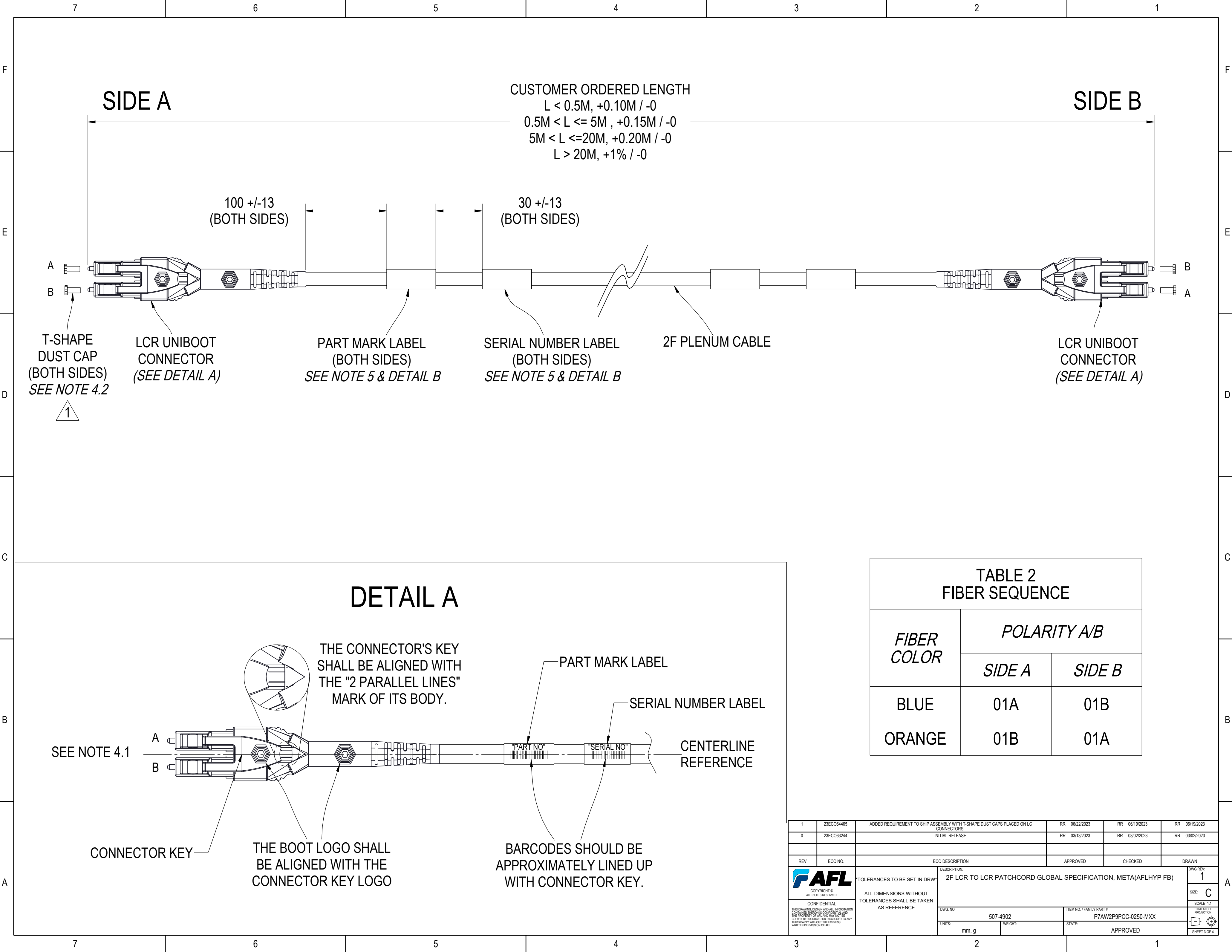
- 5.2. ALL LABELS PLACES ON THE CABLE SHALL READ LEFT TO RIGHT WHEN LOOKING AT CABLE FROM SIDE A TO SIDE B.

6. PACKAGING:

- 6.1. COIL INSIDE ZIPLOCK BAG FOR ALL LENGHTS.
- 6.2. FOR BAG & BOX PACKAGING AND LABELING SPECIFICATIONS, SEE SHEET 4.
- 6.3. FOR PALLETIZATION SPECIFICATIONS & LABELING, SEE DWG 207-0559.
- 6.4. PACKAGING SPECIFIED IN NOTES ABOVE MUST BE FOLLOWED COMPLETELY. UNLESS THERE IS A PREVIOUS AGREEMENT AND ALTERNATE PACKAGING IS APPROVED BY AFL TEAM, SUCH AS CASES WHERE ORDERS ARE NOT GOING TO BE SHIPPED DIRECTLY TO THE END CUSTOMER AND A REPACKAGING IS GOING TO TAKE PLACE AT A DISTRIBUTION CENTER.

1	23EC064665	ADDED REQUIREMENT TO SHIP ASSEMBLY WITH T-SHAPE DUST CAPS PLACED ON LC CONNECTORS.	RR 06/22/2023	RR 06/19/2023	RR 06/19/2023
0	23EC063244	INITIAL RELEASE	RR 03/13/2023	RR 03/02/2023	RR 03/02/2023
REV	ECO NO.	ECO DESCRIPTION	APPROVED	CHECKED	DRAWN
 <p>COPYRIGHT © ALL RIGHTS RESERVED.</p> <p>CONFIDENTIAL</p> <p>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.</p>		<p>DESCRIPTION:</p> <p>TOLERANCES TO BE SET IN DRAWING 2F LCR TO LCR PATCHCORD GLOBAL SPECIFICATION, META(AFLHYP FB)</p> <p>ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE</p>			<p>DWG REV: 1</p> <p>SIZE: C</p> <p>SCALE: 25:1</p> <p>THIRD ANGLE PROJECTION</p> <p> SHEET 1 OF 4</p>
DWG NO.		507-4902		ITEM NO. / FAMILY PART #	
UNITS:		mm, g		WEIGHT:	
STATE:		P7AW2P9PCC-0250-MXX		APPROVED	

7		6		5		4		3		2		1																																																																	
TABLE 1 - COMPONENTS																																																																													
F																																																																													
CATEGORY	#	USE OF COMPONENT	PART NUMBER REFERENCE		DESCRIPTION REFERENCE		UOM	QTY		DRAWING REFERENCE	REQUIRED SUPPLIER																																																																		
CABLE ASSEMBLY	1	CABLE	PD06492-10		DP002K20290B,FACEBOOK INC,2,SR-15E,MICRO DUAL,PLENUM,RoHS,2.0MM,YELLOW,BARE COLORED FIBER		M	AS REQUIRED PER ASSEMBLY LENGTH		407-0099	AFL TELE CABLE																																																																		
	2	LCR CONNECTOR KIT	CS016522		LCRSM2.0BLUE - V3.0 UNIBOOT (FL-A-1052~1053-0037-06-R) WITH SQUARE DUST CAP		EA	2		507-4364	WCFO COMMUNICATIONS																																																																		
	3	DUST CAP 	SK3 2.0		LC T-SHAPE DUST CAP		EA	4		507-4926_0	ORYARWA																																																																		
	4	PART MARK & SERIAL NUMBER LABEL RAW MATERIAL	OPTION 1	Y4942785	LABEL,STOCK,CABLE MARKING,1.75"X0.375",WHITE		EA	4		507-1546		BRADY																																																																	
	OPTION 2	THT-120-427-5	LABEL,STOCK,CABLE MARKING,1.75"X0.375",WHITE																																																																										
E																																																																													
BAG PACKAGING & LABELING	5	ZIPLOCK BAG FOR COIL	OPTION 1 (L ≤ 5M)	C014141	BAG-ZIPLOCK,9" X 12" X 2 MIL (OR BAG OF SIMILAR SIZE APPROVED BY AFL ENGINEERING)		EA	1		507-1703																																																																			
			OPTION 2 (5M < L ≤ 50M)	C005931	BAG-ZIPLOCK,12" X 12" X 2 MIL (OR BAG OF SIMILAR SIZE APPROVED BY AFL ENGINEERING)																																																																								
			OPTION 3 (50M < L ≤ 150M)	C223954	BAG-ZIPLOCK,13" X 15" X 2 MIL (OR BAG OF SIMILAR SIZE APPROVED BY AFL ENGINEERING)																																																																								
	6	VELCRO TO SECURE COIL	EM000156		VELCRO STRIP,0.38" WIDE (OR VELCRO OF SIMILAR WIDTH APPROVED BY AFL ENGINEERING)		AS REQUIRED PER CABLE'S LENGTH		EM000156																																																																				
	7	COVER & PROTECT CONNECTORS			BUBBLE WRAP		AS REQUIRED		N/A																																																																				
	8	TAPE TO SECURE BUBBLE WRAP TO CONNECTOR	OPTION 1	CS007813	TAPE,3M #256,WHITE,1/2" WIDE X 60 YARDS (OR SIMILAR WIDTH)		AS REQUIRED		507-3611																																																																				
			OPTION 2	PLT0129	PVC BLACK TAPE		AS REQUIRED		N/A																																																																				
	9	PRODUCT & TRAVELER LABEL	CS016850		LABEL,STOCK,PRODUCT MARKING,3"X4",SLIT SCORE 3"X1",WHITE (OR LABEL OF SIMILAR SIZE APPROVED BY AFL ENGINEERING)		EA	1		507-1547																																																																			
D																																																																													
BOX PACKAGING & LABELING	10	SHIPPING BOX (DOUBLE WALL)	OPTION 1	C197593	BOX,14.25 X 14.25 X 5,FL BC,ECT 48,SLT 95,WT 100,BCT 1132,RSC,KRAFT		EA	AS REQUIRED PER ORDER QTY		907-2006																																																																			
			OPTION 2	47192-00	BOX,15 X 12.75 X 11.75,FL BC,ECT 48,SLT 95,WT 100,BCT 1117,RSC,KRAFT																																																																								
	11	BOX LABEL RAW MATERIAL	C205877		LABEL 4" X 6" (OR LABEL OF SIMILAR SIZE APPROVED BY AFL ENGINEERING)		EA	1 PER BOX		507-1548																																																																			
	12	SHIPPING LABEL RAW MATERIAL	CS001280		LABEL 3" X 5" (OR LABEL OF SIMILAR SIZE APPROVED BY AFL ENGINEERING)		EA	1 PER BOX		507-2729																																																																			
C																																																																													
PALLETIZATION & LABELING	13	PALLET	CS017662		PALLET 48 X 40 2-WAY		EA	AS REQUIRED PER ORDER QTY		507-1489																																																																			
	14	PROTECT ALL 4 EXTERIOR VERTICAL EDGES OF BOXES ON PALLET & SECURE THE LOAD	CARDBOARD CORNER (DIMENSION THAT BEST FITS THE ARRANGEMENT OF BOXES ON PALLET)				EA	4 PER PALLET		507-3156																																																																			
	15	PROTECT ALL 4 TOP HORIZONTAL EDGES OF BOXES ON PALLET & SECURE THE LOAD	CARDBOARD CORNER (DIMENSION THAT BEST FITS THE ARRANGEMENT OF BOXES ON PALLET)				EA	4 PER PALLET																																																																					
	16	PART NUMBER LABEL RAW MATERIAL	C217631		LABEL 3" X 3" (OR LABEL OF SIMILAR SIZE APPROVED BY AFL ENGINEERING)		EA	1 PER DIFFERENT PART NUMBER IN PALLET		507-2044																																																																			
	17	3-WAY MATCH LABEL RAW MATERIAL	C205877		LABEL 4" X 6" (OR LABEL OF SIMILAR SIZE APPROVED BY AFL ENGINEERING)		EA	4 PER PALLET		507-1548																																																																			
	18	SHIPPING REPORT	PRINTED LETTER SIZE (8.5 X 11") (OR SHEET OF SIMILAR SIZE APPROVED BY AFL ENGINEERING)				EA	1 PER PALLET		N/A																																																																			
	19	PACKING SLIP	PRINTED LETTER SIZE (8.5 X 11") (OR SHEET OF SIMILAR SIZE APPROVED BY AFL ENGINEERING)				EA	1 PER PO OR PARTIAL SHIPMENT		N/A																																																																			
	20	SECURE THE BOXES TO THE PALLET	PLASTRIC STRAP				AS REQUIRED		N/A																																																																				
	21	SECURE THE BOXES TO THE PALLET	STRECTH WRAP				AS REQUIRED		N/A																																																																				
A																																																																													
NOTE:						<table><tr><td>1</td><td>23EC064465</td><td colspan="2">ADDED REQUIREMENT TO SHIP ASSEMBLY WITH T-SHAPE DUST CAPS PLACED ON LC CONNECTORS.</td><td>RR</td><td>06/22/2023</td><td>RR</td><td>06/19/2023</td><td>RR</td><td>06/19/2023</td></tr><tr><td>0</td><td>23EC063244</td><td colspan="2">INITIAL RELEASE</td><td>RR</td><td>03/13/2023</td><td>RR</td><td>03/02/2023</td><td>RR</td><td>03/02/2023</td></tr><tr><td>REV</td><td>ECO NO.</td><td colspan="2">ECO DESCRIPTION</td><td colspan="2">APPROVED</td><td colspan="2">CHECKED</td><td colspan="2">DRAWN</td></tr><tr><td colspan="2"></td><td colspan="2" rowspan="4">TOLERANCES TO BE SET IN DRW"  ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE</td><td colspan="2">DESCRIPTION: 2F LCR TO LCR PATCHCORD GLOBAL SPECIFICATION, META(AFLHYP FB)</td><td colspan="2">DWG REV: 1</td><td colspan="2">SIZE: C</td></tr><tr><td colspan="2">CONFIDENTIAL <small>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.</small></td><td colspan="2">DWG NO. 507-4902</td><td colspan="2">ITEM NO. / FAMILY PART # P7AW2P9PCC-0250-MXX</td><td colspan="2">SCALE 1:1</td></tr><tr><td colspan="2"></td><td colspan="2">UNITS: mm, g</td><td colspan="2">WEIGHT:</td><td colspan="2">THIRD ANGLE PROJECTION</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">STATE: APPROVED</td><td colspan="2">SHEET 2 OF 4</td></tr></table>								1	23EC064465	ADDED REQUIREMENT TO SHIP ASSEMBLY WITH T-SHAPE DUST CAPS PLACED ON LC CONNECTORS.		RR	06/22/2023	RR	06/19/2023	RR	06/19/2023	0	23EC063244	INITIAL RELEASE		RR	03/13/2023	RR	03/02/2023	RR	03/02/2023	REV	ECO NO.	ECO DESCRIPTION		APPROVED		CHECKED		DRAWN				TOLERANCES TO BE SET IN DRW"  ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE		DESCRIPTION: 2F LCR TO LCR PATCHCORD GLOBAL SPECIFICATION, META(AFLHYP FB)		DWG REV: 1		SIZE: C		CONFIDENTIAL <small>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.</small>		DWG NO. 507-4902		ITEM NO. / FAMILY PART # P7AW2P9PCC-0250-MXX		SCALE 1:1				UNITS: mm, g		WEIGHT:		THIRD ANGLE PROJECTION						STATE: APPROVED		SHEET 2 OF 4	
1	23EC064465	ADDED REQUIREMENT TO SHIP ASSEMBLY WITH T-SHAPE DUST CAPS PLACED ON LC CONNECTORS.		RR	06/22/2023	RR	06/19/2023	RR	06/19/2023																																																																				
0	23EC063244	INITIAL RELEASE		RR	03/13/2023	RR	03/02/2023	RR	03/02/2023																																																																				
REV	ECO NO.	ECO DESCRIPTION		APPROVED		CHECKED		DRAWN																																																																					
		TOLERANCES TO BE SET IN DRW"  ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE		DESCRIPTION: 2F LCR TO LCR PATCHCORD GLOBAL SPECIFICATION, META(AFLHYP FB)		DWG REV: 1		SIZE: C																																																																					
CONFIDENTIAL <small>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.</small>				DWG NO. 507-4902		ITEM NO. / FAMILY PART # P7AW2P9PCC-0250-MXX		SCALE 1:1																																																																					
				UNITS: mm, g		WEIGHT:		THIRD ANGLE PROJECTION																																																																					
						STATE: APPROVED		SHEET 2 OF 4																																																																					
7		6		5		4		3		2		1																																																																	



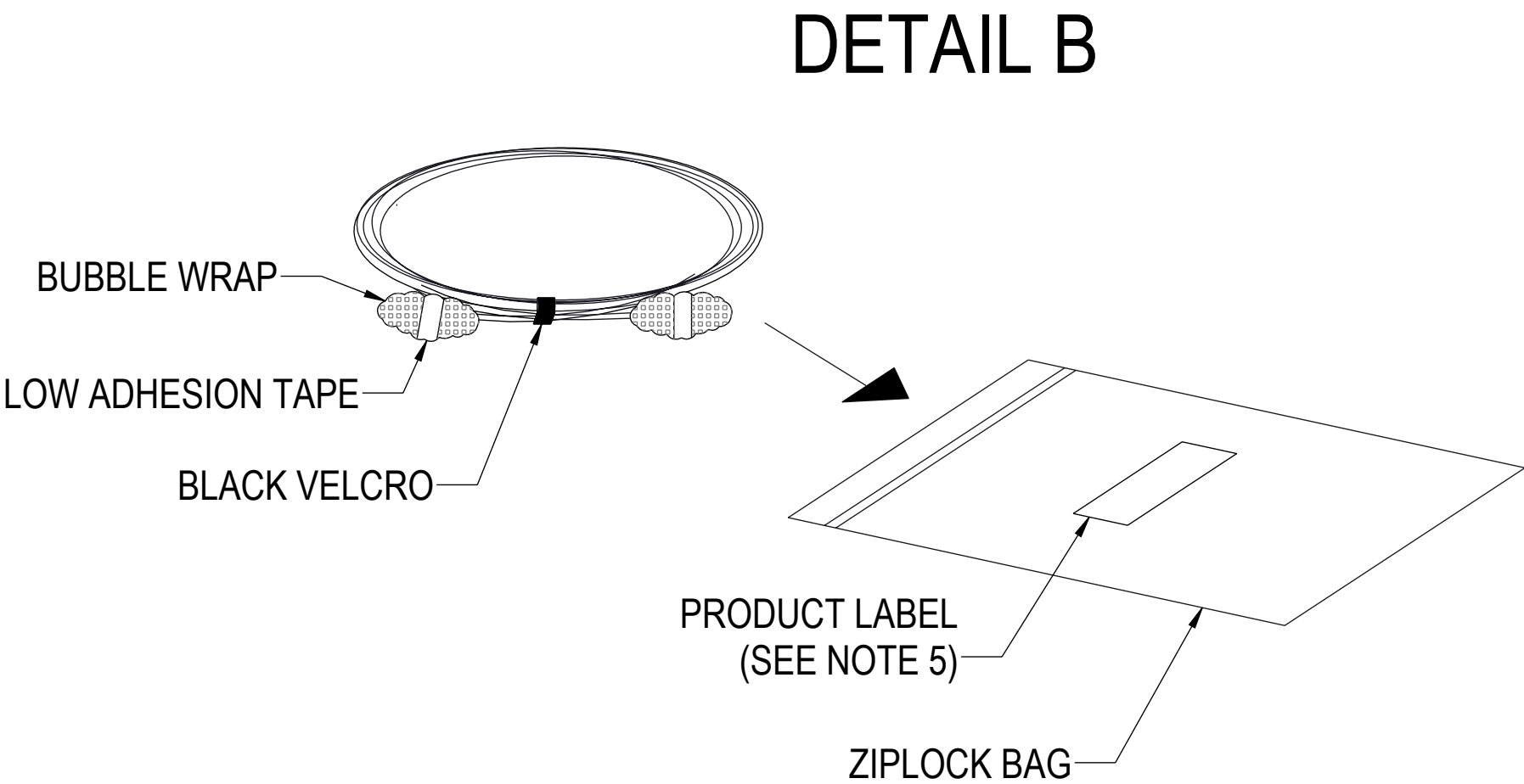
1	23ECO64465	ADDED REQUIREMENT TO SHIP ASSEMBLY WITH T-SHAPE DUST CAPS PLACED ON LCR CONNECTORS.	RR 06/22/2023	RR 06/19/2023	RR 06/19/2023
0	23ECO63244	INITIAL RELEASE	RR 03/13/2023	RR 03/02/2023	RR 03/02/2023
REV	ECO NO.	ECO DESCRIPTION	APPROVED	CHECKED	DRAWN

<div><div><div><b>AFL</b></div><div><small>COPYRIGHT © ALL RIGHTS RESERVED.</small></div></div><div><small>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.</small></div></div>	TOLERANCES TO BE SET IN DRW*	DESCRIPTION 2F LCR TO LCR PATCHCORD GLOBAL SPECIFICATION, META(AFLHYP FB)		DWG REV 1
	ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE			SIZE C
	CONFIDENTIAL	DWG. NO. 507-4902	ITEM NO. / FAMILY PART # P7AW2P9PCC-0250-MXX	SCALE 1:1
		UNITS: mm, g	WEIGHT:	STATE: APPROVED



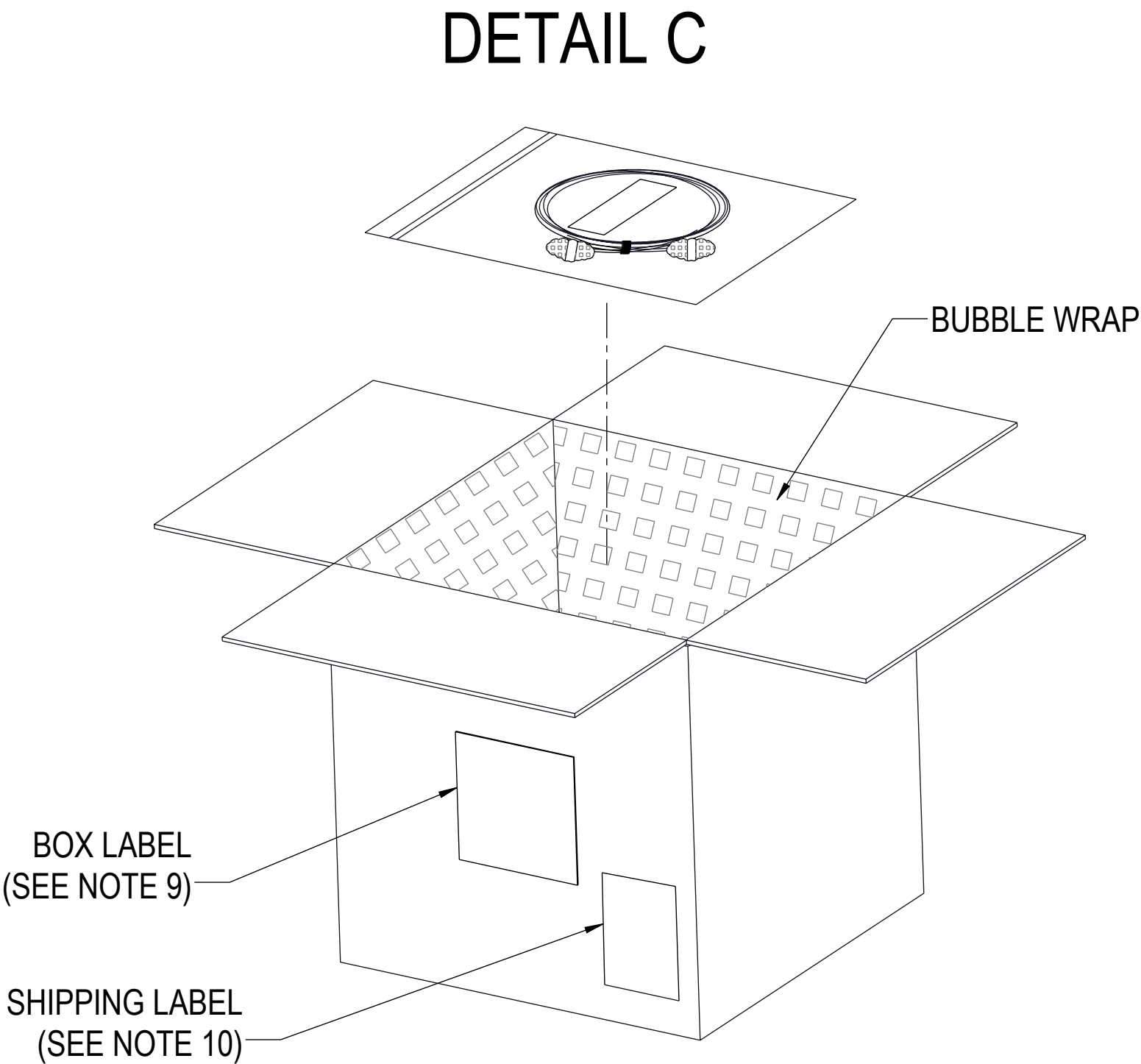
BAG PACKAGING INSTRUCTIONS



- 1. ALL THE COILS SHALL BE BETWEEN 7-10 INCHES IN INNER DIAMETER.
- 2. FASTEN THE COIL WITH ONE PIECE OF VELCRO PLACED AT THE CENTER.
- 3. WRAP EACH CONNECTOR WITH BUBBLE AND SECURE IT PLACE WITH A PIECE OF LOW RESIDUE TAPE.
  - 3.1. LEAVE A FLAP ON THE TAPE FOR EASY REMOVAL.
- 4. PLACE THE COIL INSIDE A ZIPLOCK BAG.
  - 4.1. IF BAG HAS EXCESS OF AIR INSIDE, UNSEAL A PORTION TO REMOVE IT, AND THEN SEAL IT BACK.
- 5. ADHERE A PRODUCT LABEL TO THE CENTER OF THE ZIPLOCK BAG.
  - 5.1. FOR PRINTING SPECIFICATIONS, SEE DRAWING 207-0498.



BOX PACKAGING INSTRUCTIONS

- 6. PLACE A LAYER OF BUBBLE WRAP IN THE BOTTOM AND SIDES OF THE BOX'S INTERIOR.
- 7. PLACE BAGS HORIZONTALLY INSIDE THE BOX.
  - 7.1. A BOX CAN ONLY HAVE ASSEMBLIES OF THE SAME PART NUMBER AND LENGTH
- 8. FILL ANY VOID AREAS WITH BUBBLE WRAP. THEN, CLOSE THE BOX AND SEAL IT WITH TAPE.
- 9. ADHERE A BOX LABEL TO ONE OF THE SIDE PANELS OF THE BOX.
  - 9.1. PLACE IT CENTERED AS SHOWN IN THE DETAIL.
  - 9.2. FOR PRINTING SPECIFICATION, SEE DRAWING 207-0499.
- 10. ADHERE A SHIPPING LABEL ON THE SAME BOX PANEL WHERE THE BOX LABEL IS.
  - 10.1. PLACE IT ON THE LOWER RIGHT CORNER AS SHOWN IN THE DETAIL.
  - 10.2. FOR PRINTING SPECIFICATIONS, SEE DWG. 207-0282.



1	Z3EC064465	ADDED REQUIREMENT TO SHIP ASSEMBLY WITH T-SHAPE DUST CAPS PLACED ON LC CONNECTORS.		RR	06/22/2023	RR	06/19/2023	RR	06/19/2023	
0	Z3EC063244	INITIAL RELEASE		RR	03/13/2023	RR	03/02/2023	RR	03/02/2023	
REV		ECO NO.		ECO DESCRIPTION		APPROVED		CHECKED	DRAWN	
<div><div>COPYRIGHT © ALL RIGHTS RESERVED.</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>		TOLERANCES TO BE SET IN DRW		DESCRIPTION: 2F LCR TO LCR PATCHCORD GLOBAL SPECIFICATION, META(AFLHYP FB)				DWG REV: 1		
								SIZE: C		
		ALL DIMENSIONS WITHOUT TOLERANCES SHALL BE TAKEN AS REFERENCE		DWG. NO.: 507-4902				ITEM NO. / FAMILY PART # P7AW2P9PCC-0250-MXX		SCALE 1:1
										THIRD ANGLE PROJECTION
		UNITS: mm, g		WEIGHT:		STATE: APPROVED		 SHEET 4 OF 4		