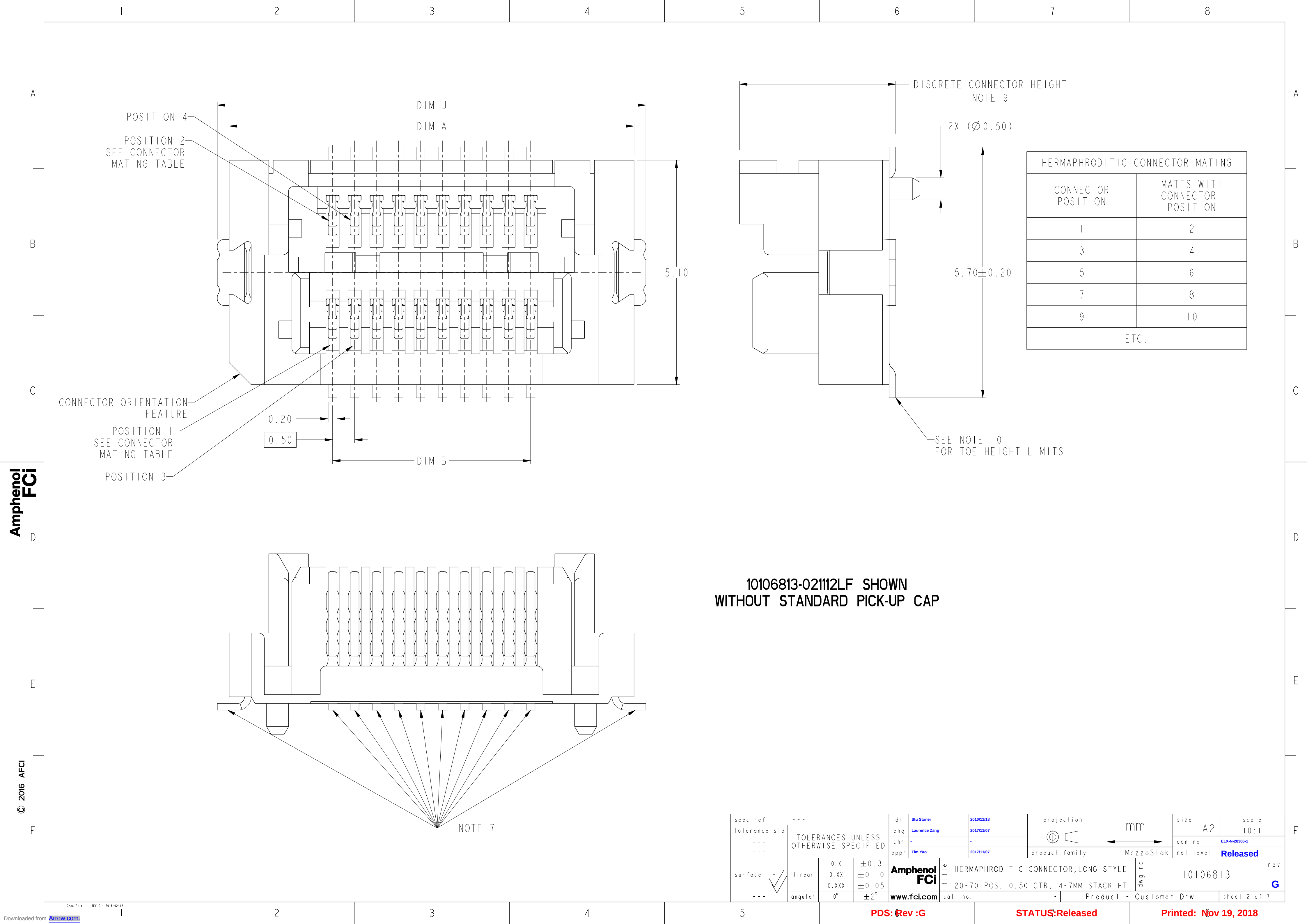




10106813-021112LF SHOWN
WITHOUT STANDARD PICK-UP CAP

spec ref	---	dr	Stu Stoner	2010/11/18	projection	mm	size	A2	scale	10:1
tolerance std	---	eng	Laurence Zang	2017/11/07			ecn no	ELX-N-28306-1	rel level	Released
---	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-						
---		appr	Tim Yao	2017/11/07						
surface	✓	linear	0.X	±0.3	Amphenol FCI	title	HERMAPHRODITIC CONNECTOR, LONG STYLE	cat. no.	Product - Customer Drw	sheet 2 of 7
---	---	linear	0.XX	±0.10						
---	---	linear	0.XXX	±0.05						
---	---	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 7	rev
PDS: Rev :G					STATUS: Released					Printed: Nov 19, 2018

1		2		3		4		5		6		7		8	
PRODUCT NUMBER	NUMBER OF POSTIONS	DIM A	DIM B	DIM J	CONNECTOR LOCATING PEGS	CONNECTOR HOLD DOWNS	DISCRETE CONNECTOR HEIGHT NOTE 9	PRACTICAL CONNECTOR HEIGHT NOTE 8	STATUS						
10106813-021112LF	20	9.20	4.50	9.74	YES	YES	3.55	2.00	RELEASED						
10106813-031112LF	30	11.70	7.00	12.24											
10106813-041112LF	40	14.20	9.50	14.74											
10106813-051112LF	50	16.70	12.00	17.24											
10106813-061112LF	60	19.20	14.50	19.74											
10106813-071112LF	70	21.70	17.00	22.24											
10106813-171112LF	70	21.70	17.00	22.24											
10106813-022112LF	20	9.20	4.50	9.74			4.05	2.50	UN-RELEASED						
10106813-032112LF	30	11.70	7.00	12.24											
10106813-042112LF	40	14.20	9.50	14.74											
10106813-052112LF	50	16.70	12.00	17.24											
10106813-062112LF	60	19.20	14.50	19.74											
10106813-072112LF	70	21.70	17.00	22.24											
10106813-023112LF	20	9.20	4.50	9.74			4.55	3.00	RELEASED						
10106813-033112LF	30	11.70	7.00	12.24											
10106813-043112LF	40	14.20	9.50	14.74											
10106813-053112LF	50	16.70	12.00	17.24											
10106813-063112LF	60	19.20	14.50	19.74											
10106813-073112LF	70	21.70	17.00	22.24											
10106813-173112LF	70	21.70	17.00	22.24			5.05	3.50	RELEASED						
10106813-024112LF	20	9.20	4.50	9.74											
10106813-034112LF	30	11.70	7.00	12.24											
10106813-04411XLF	40	14.20	9.50	14.74											
10106813-054112LF	50	16.70	12.00	17.24											
10106813-064112LF	60	19.20	14.50	19.74											
10106813-074112LF	70	21.70	17.00	22.24											
10106813-174112LF	70	21.70	17.00	22.24											

0.5 BTB HERMAPHRODITIC CONNECTOR ASSEMBLY PART NUMBER SCHEME
EXAMPLE: 10106813-X X X X X X LF

RIB OPTION
0 = W/O RIB ON WELL SIDE WALL
1 = WITH RIBS ON WELL SIDE WALL
SEE BELOW PICTURES SHOWN

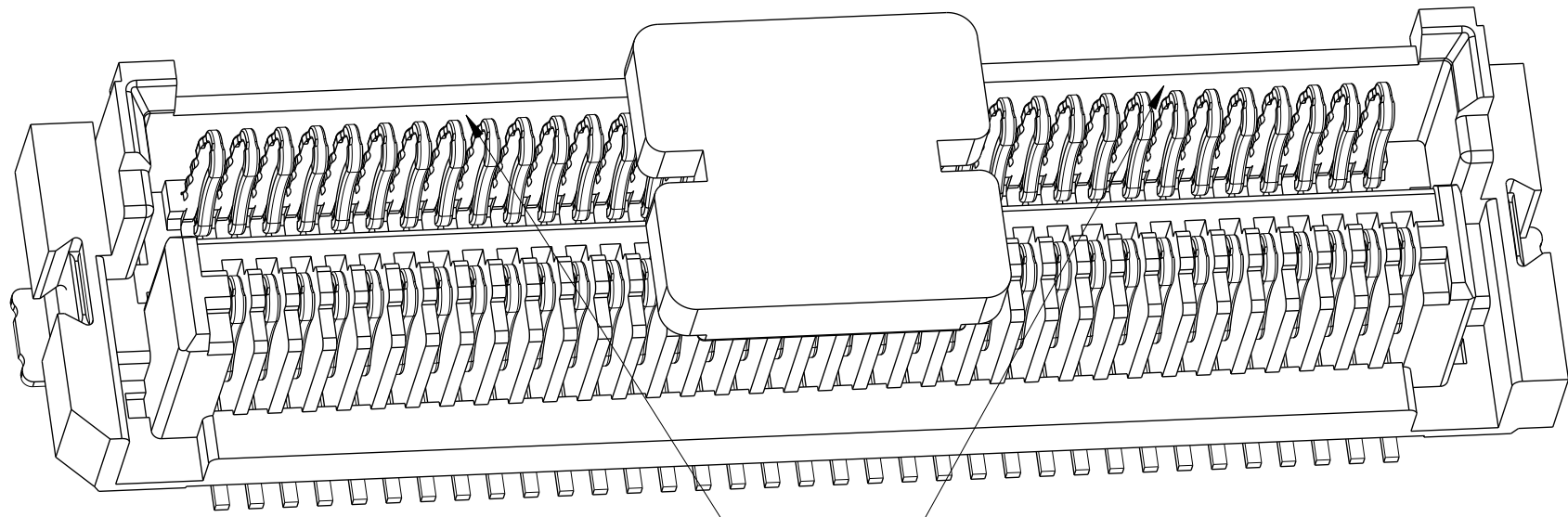
NUMBER OF POSITIONS
2 = 20 POS
3 = 30 POS
4 = 40 POS
5 = 50 POS
6 = 60 POS
7 = 70 POS

LEAD FREE INDICATOR
PACKAGING
2 TAPE AND REEL WITH PICK-UP CAP
3 TAPE AND REEL W/O PICK-UP CAP

HOLD DOWN OPTION
1 = HOLD DOWNS

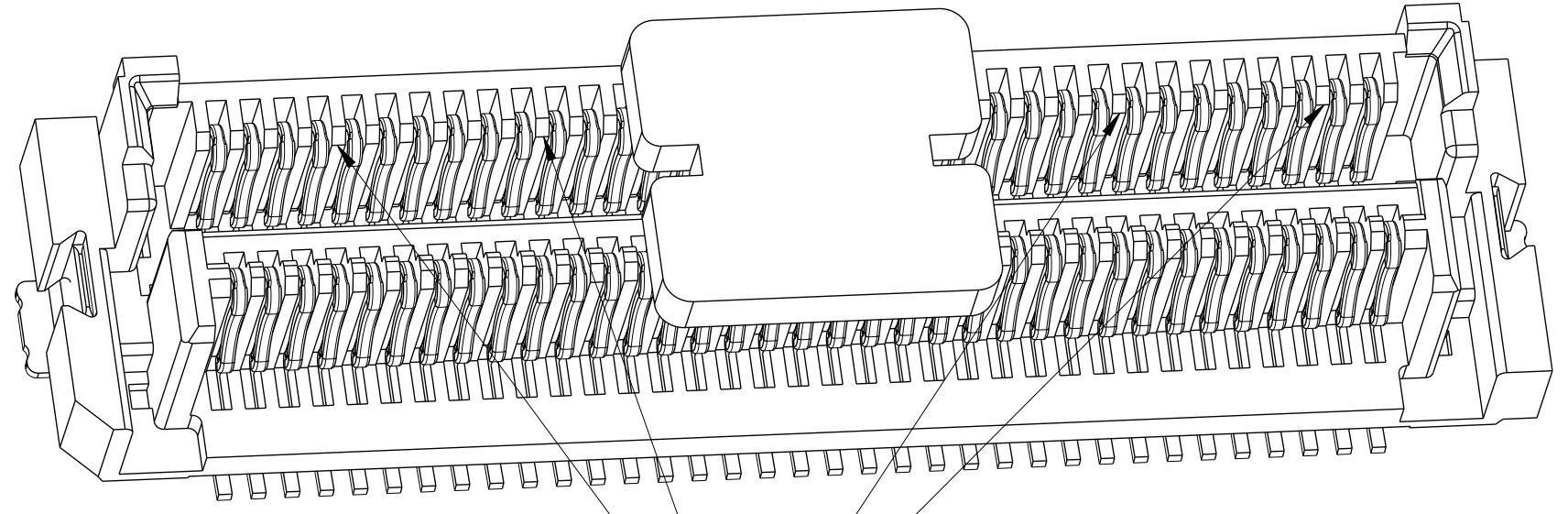
PEG OPTION
1 = PEGS

PRACTICAL CONNECTOR HEIGHT NOTE 8
1 = 2.0MM
2 = 2.5MM
3 = 3.0MM
4 = 3.5MM



SCALE 10:1

10106813-071112LF SHOWN WITHOUT RIB ON HOUSING WELL SIDE WALL



SCALE 10:1

10106813-171112LF SHOWN WITH RIBS ON HOUSING WELL SIDE WALL

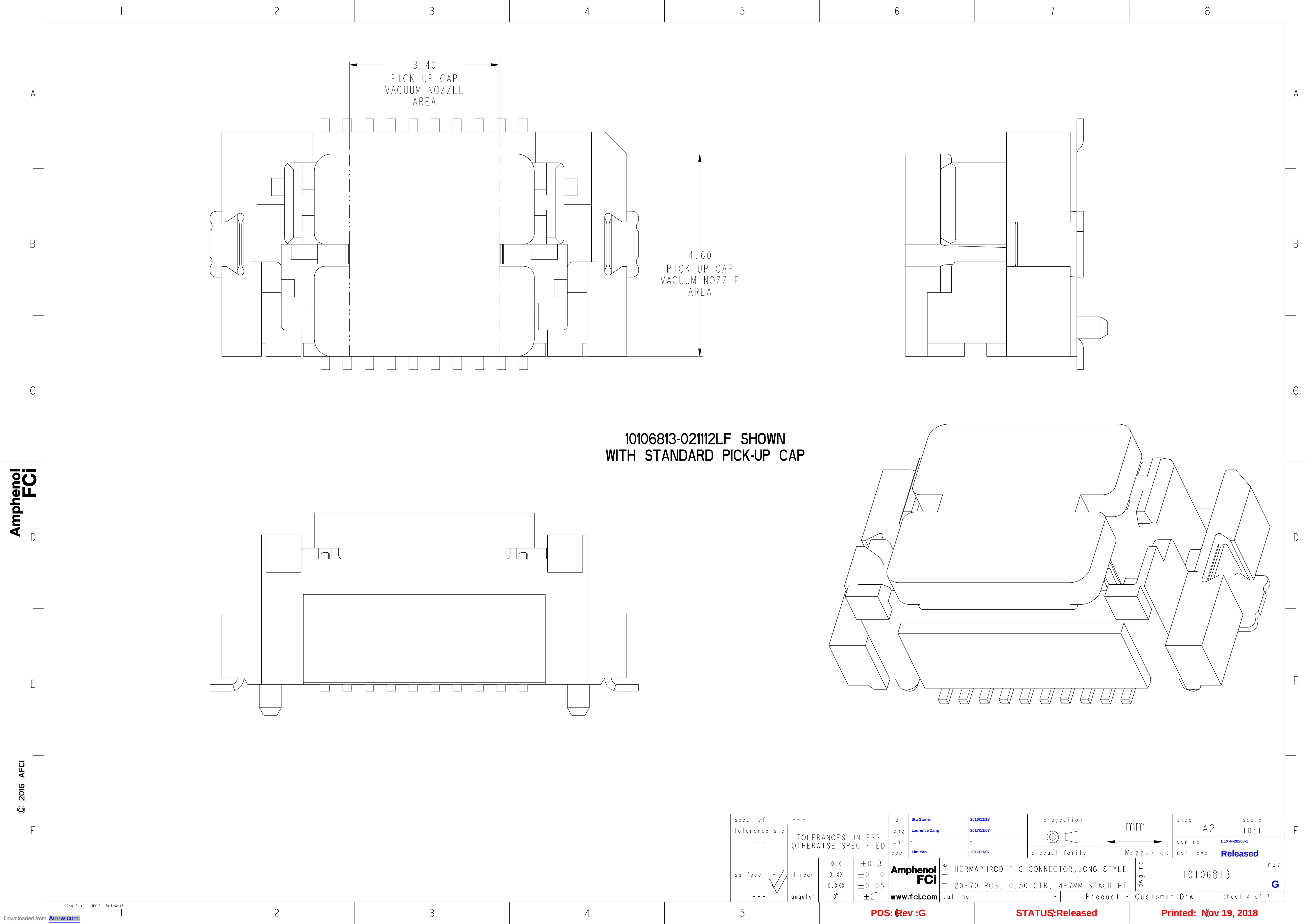
spec ref	---			dr	Stu Stoner	2010/11/18	projection	mm	size	A2	scale	10:1
tolerance std	---			eng	Laurence Zang	2017/11/07			ecn no	ELX-N-28306-1	rel level	Released
---	TOLERANCES UNLESS OTHERWISE SPECIFIED			chr	-	-						
---				appr	Tim Yao	2017/11/07						
surface		linear	0.X 0.XX 0.XXX	±0.3 ±0.10 ±0.05	Amphenol FCI	title	HERMAPHRODITIC CONNECTOR, LONG STYLE 20-70 POS, 0.50 CTR, 4-7MM STACK HT	dwg no	10106813	rev	G	
---	angular	0° ±2°										
					www.fci.com	cat. no.	-	Product - Customer Drw		sheet 3 of 7		

Creo File - REV E - 2016-02-12

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STATUS:Released

Printed: Nov 19, 2018



10106813-021112LF SHOWN
WITH STANDARD PICK-UP CAP

Amphenol
FCi

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spec ref				---		dr		Stu Stoner		2010/11/18		projection		mm		size		A2		scale		10:1			
tolerance std				---		eng		Laurence Zang		2017/11/07						ecn no		ELX-N-28306-1		rel level		Released			
---				---		chr		-		-		product family		MezzoStak											
---				---		appr		Tim Yao		2017/11/07															
surface ---		linear		0.X		±0.3		Amphenol FCi		title		HERMAPHRODITIC CONNECTOR, LONG STYLE 20-70 POS, 0.50 CTR, 4-7MM STACK HT						dwg no		10106813		rev		G	
				0.XX		±0.10																			
				0.XXX		±0.05																			
		---		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw						sheet 4 of 7			

PDS: Rev :G

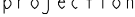
STATUS:Released

Printed: Nov 19, 2018

Technical drawing of a connector assembly, showing dimensions and feature callouts. The drawing includes a central connector body with two rows of pins, two circular features (likely mounting holes), and two rectangular features (likely mounting tabs). Dimensions are provided in millimeters (mm) with tolerances.

Dimensions and Tolerances:

- Overall Dimensions:**
 - DIM A:** 6.350 ± 0.025
 - DIM B:** 0.50
 - DIM C:** 0.25 ± 0.03
 - DIM D:** 0.025 ± 0.025
 - DIM E:** 0.025 ± 0.025
- Pin Dimensions:**
 - Pin Diameter:** 2X Ø 0.625 ± 0.025
 - Pin Pitch:** 2.150 ± 0.025
 - Pin Length:** 1.475 ± 0.025
- Mounting Features:**
 - Mounting Holes:** 2X Ø 0.625 ± 0.025
 - Mounting Tabs:** 2X 1.90
- Feature Callouts:**
 - POSITION 1:** Connector Orientation Feature (Chamfer)
 - POSITION 2:** Connector Outline
 - POSITION 3:** Connector Outline
 - POSITION 4:** Connector Outline
 - CONNECTOR OUTLINE:** 5.10
 - CONNECTOR CL:** 0.50 (Chamfer)
 - CONNECTOR CL:** 0.50 (Chamfer)
 - CONNECTOR CL:** 0.50 (Chamfer)

spec ref	---	dr	Stu Stoner	2010/11/18	projection		mm	size	A2	scale	10:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Laurence Zang	2017/11/07	product family		MezzoStak	ecn no	ELX-N-28306-1		
---		chr	-	-				rel level	Released		
---		appr	Tim Yao	2017/11/07							
surface		linear	0.X	±0.3	HERMAPHRODITIC CONNECTOR, LONG STYLE	dwg no	10106813	rev	G		
			0.XX	±0.10							
			0.XXX	±0.05							
---		angular	0°	±2°	20-70 POS, 0.50 CTR, 4-7MM STACK HT						
		www.fci.com		cat. no.	-	Product - Customer Drw			sheet 6 of 7		

