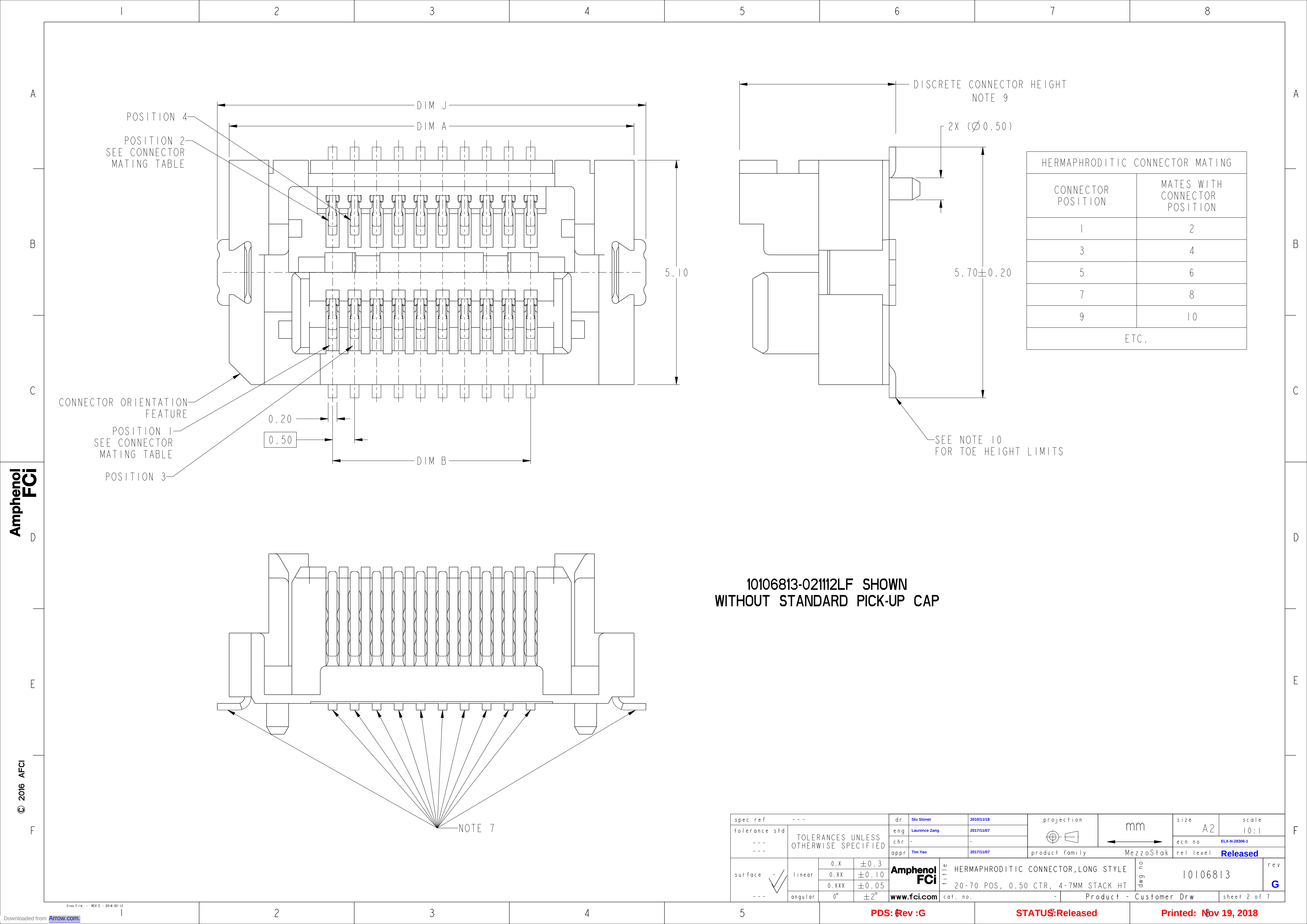




10106813-021112LF SHOWN
WITHOUT STANDARD PICK-UP CAP

spec ref	---	dr	Stu Stoner	2010/11/18	projection	mm	size	A2	scale	10:1
tolerance std	---	eng	Laurence Zang	2017/11/07		mm	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	dwg no	10106813	rev
			0.XX	±0.10						
			0.XXX	±0.05						
---	angular		0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 2 of 7	G

PDS: Rev :G

STATUS:Released

Printed: Nov 19, 2018

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					
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					
10106813-024112LF	20	9.20	4.50	9.74			5.05	3.50	RELEASED
10106813-034112LF	30	11.70	7.00	12.24					
10106813-044112LF	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

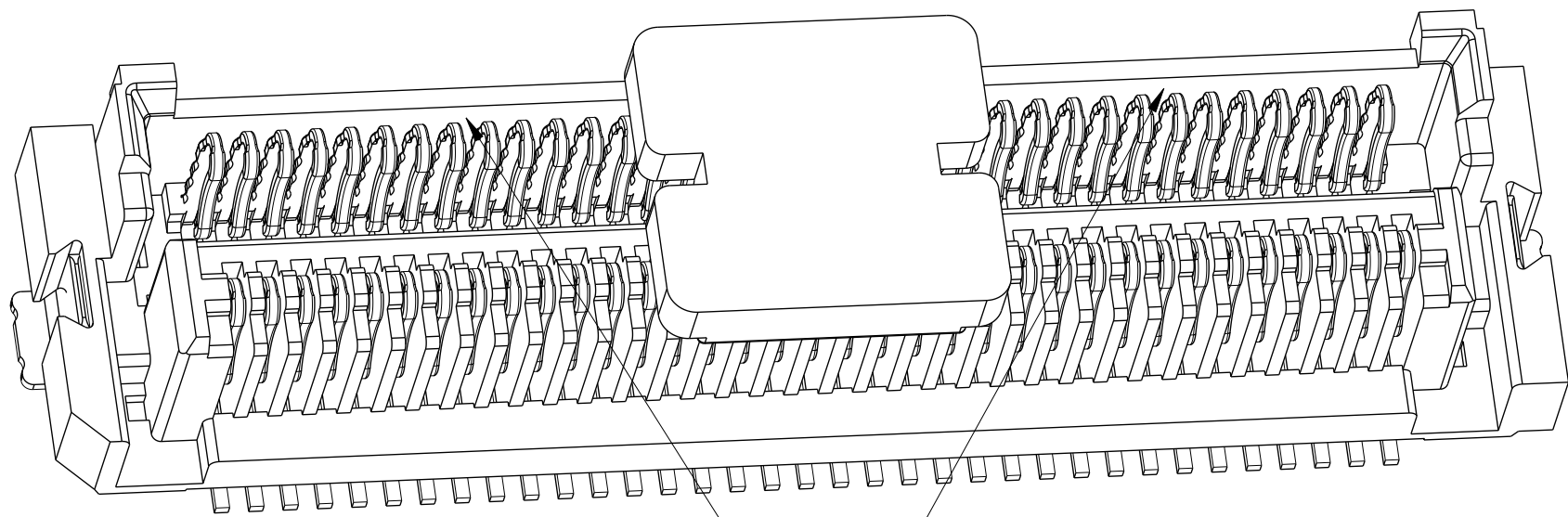
PRACTICAL CONNECTOR HEIGHT NOTE 8	
1	= 2.0MM
2	= 2.5MM
3	= 3.0MM
4	= 3.5MM

LEAD FREE INDICATOR

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

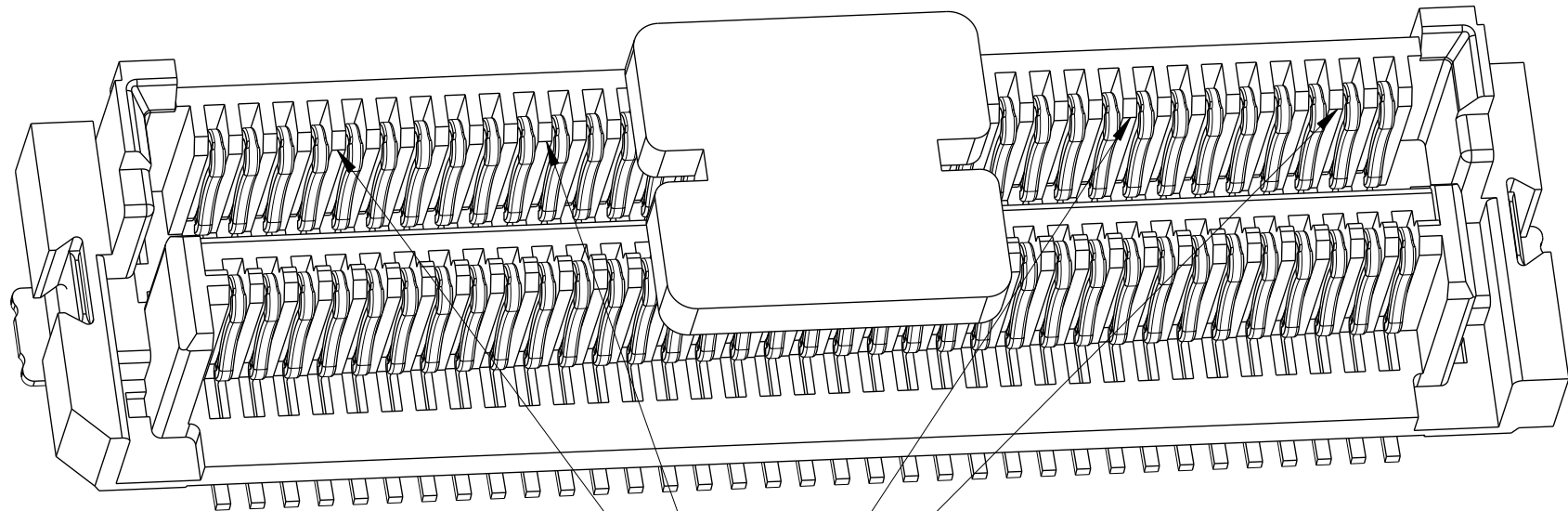
HOLD DOWN OPTION
1 = HOLD DOWNS

PEG OPTION
1 = PEGS



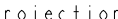
SCALE 10:1

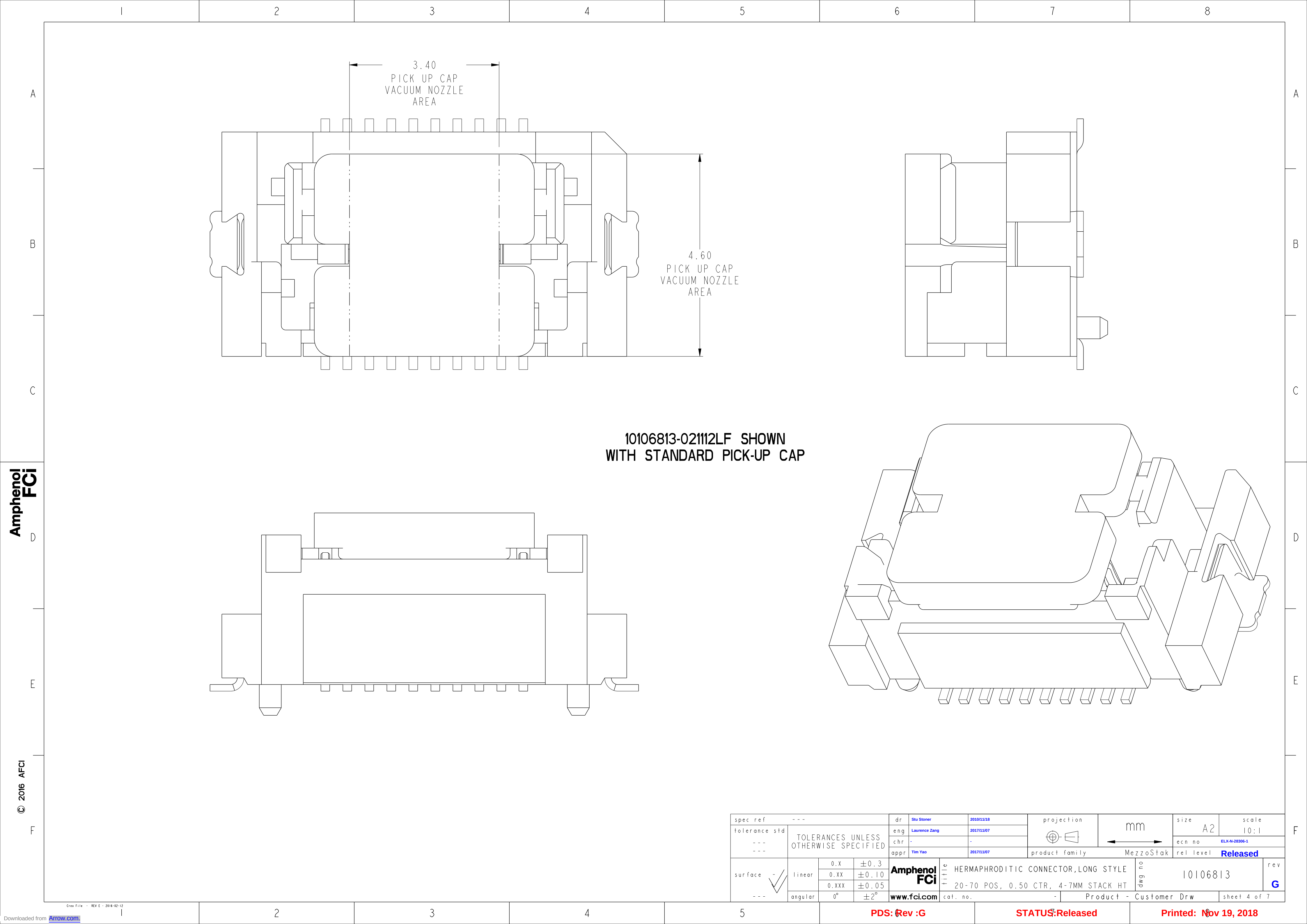
10106813-071112LF SHOWN
WITHOUT RIB ON HOUSING
WELL SIDE WALL



SCALE 10:1

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

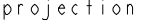
spec ref		---		dr		Stu Stoner	2010/11/18	projection		mm		size	A2	scale	10:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Laurence Zang	2017/11/07					ecn no	ELX-N-28306-1		
---		---		chr		-	-						rel level	Released	
---		---		appr		Tim Yao	2017/11/07	product family		MezzoStak					
surface		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 3 of 7			



10106813-021112LF SHOWN
WITH STANDARD PICK-UP CAP

Amphenol
FCi

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spec ref			---		dr		Stu Stoner		2010/11/18		projection				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		-		-		-		product family		MezzoStak		rel level		Released			
---					appr		Tim Yao		2017/11/07		-		-		-							
surface					linear		0.X		±0.3		Amphenol FCI		title		HERMAPHRODITIC CONNECTOR, LONG STYLE		dwg no		10106813		rev	
							0.XX		±0.10						20-70 POS, 0.50 CTR, 4-7MM STACK HT						G	
							0.XXX		±0.05													
---					angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 4 of 7			

Technical drawing of a connector assembly, showing dimensions and feature callouts. The drawing includes a central connector body with two rows of pins. Key dimensions and features are labeled:

- Dimensions:**
 - DIM B:** Dimension across the top pins.
 - DIM C:** Dimension across the top pins.
 - DIM A:** Dimension across the bottom pins.
 - DIM E:** Dimension across the bottom pins.
 - DIM D:** Dimension across the bottom pins.
 - 5.10:** Overall height dimension.
 - 0.50 (CHAMFER):** Chamfer dimension on the bottom left.
 - 0.50 (CHAMFER):** Chamfer dimension on the bottom right.
 - 0.50:** Dimension across the top pins.
 - 0.25 ± 0.03:** Dimension across the top pins.
 - 1.90:** Dimension across the top pins.
 - 2X 1.475 ± 0.025:** Dimension across the top pins.
 - 3.975 ± 0.015:** Dimension across the top pins.
 - 2X 2.150 ± 0.025:** Dimension across the top pins.
 - 6.350 ± 0.025:** Dimension across the top pins.
- Feature Callouts:**
 - POSITION 1:** Callout to the bottom pins.
 - POSITION 2:** Callout to the top pins.
 - POSITION 3:** Callout to the bottom pins.
 - POSITION 4:** Callout to the top pins.
 - CONNECTOR OUTLINE:** Callout to the top and bottom outlines.
 - CONNECTOR CL:** Callout to the top and bottom outlines.
 - CONNECTOR ORIENTATION FEATURE (CHAMFER):** Callout to the bottom left chamfer.
- Geometric Tolerances:**
 - 2X Ø 0.625 ± 0.025:** Hole diameter tolerance.
 - Ø 0.625 ± 0.025:** Hole diameter tolerance.
 - Ø 0.02 ± 0.02 A B:** Hole diameter tolerance.
 - Ø 0.04 A B C:** Hole diameter tolerance.
 - Ø 0.01 A B C:** Hole diameter tolerance.
 - Ø 0.025 A B C:** Hole diameter tolerance.
 - Ø 0.025 A B C:** Hole diameter tolerance.
 - Ø 0.025 A B C:** Hole diameter tolerance.

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			ecn no	ELX-N-28306-1	rel level	Released	
---		chr	-	-							
---		appr	Tim Yao	2017/11/07							
surface		linear		HERMAPHRODITIC CONNECTOR, LONG STYLE	20-70 POS, 0.50 CTR, 4-7MM STACK HT	dwg no	10106813	rev	G		
		0.X								±0.3	
		0.XX								±0.10	
		0.XXX	±0.05								
---		angular	0°	±2°	www.fci.com	cat. no.	-	Product-	Customer Drw	sheet 6 of 7	

