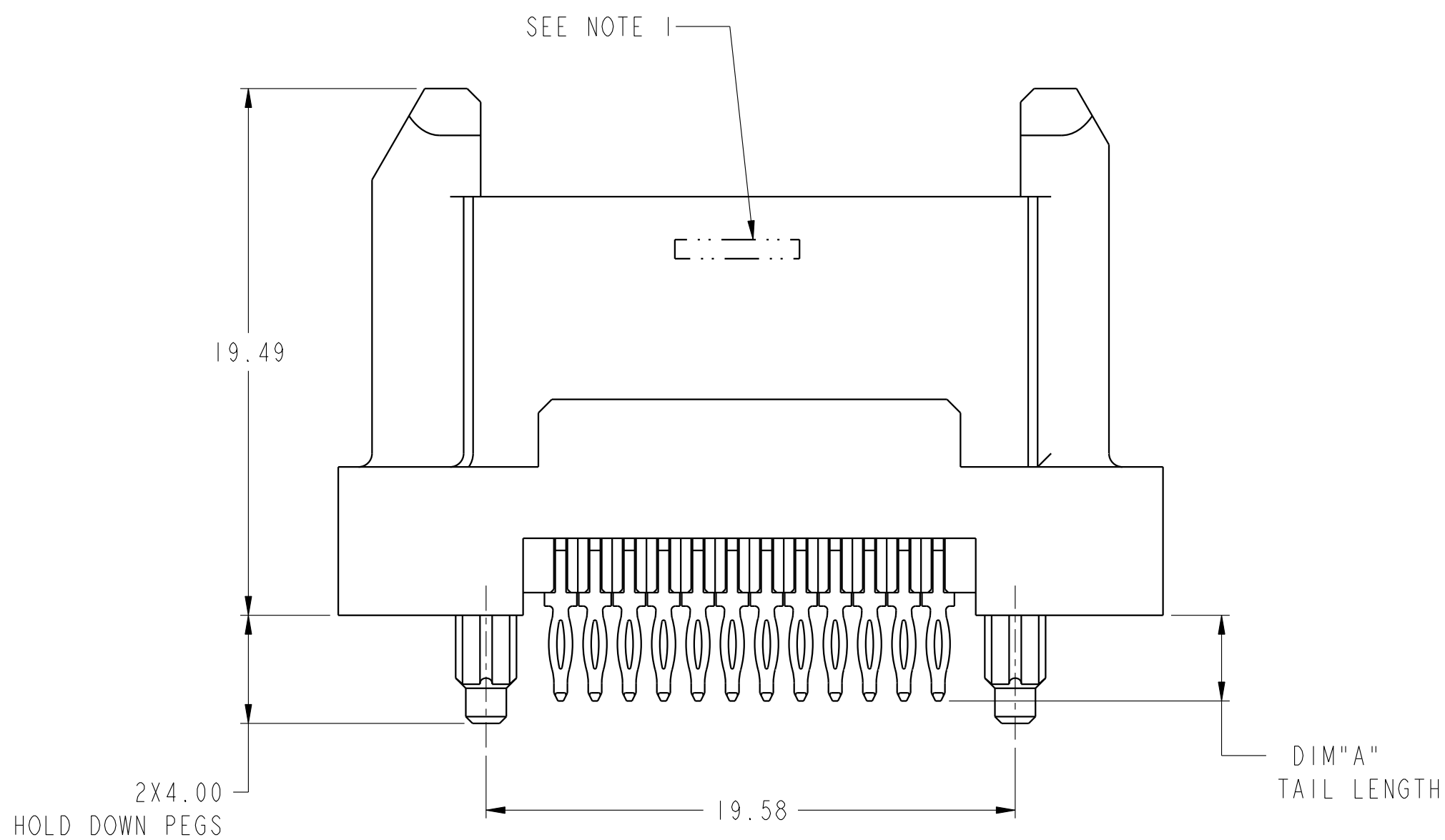
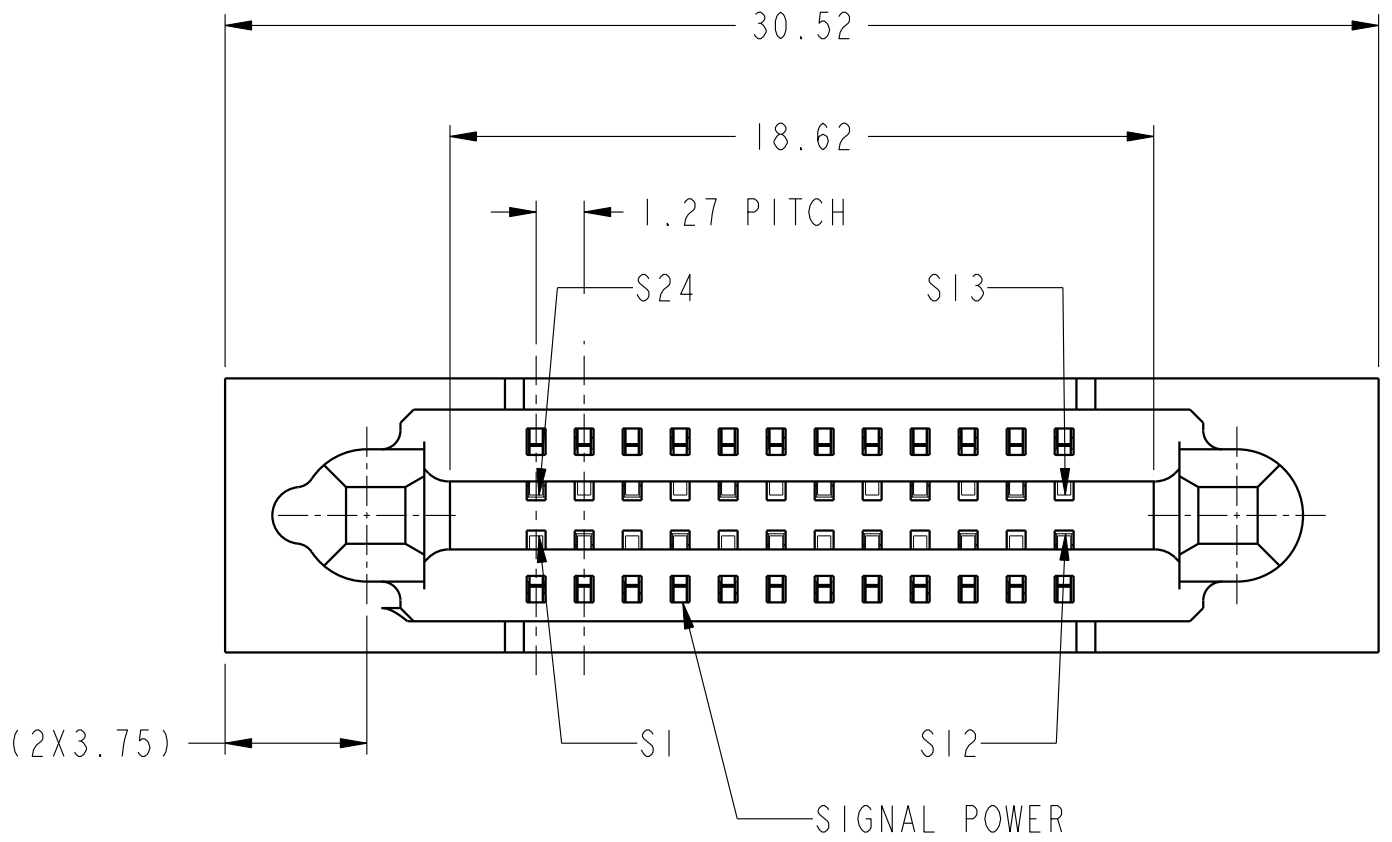
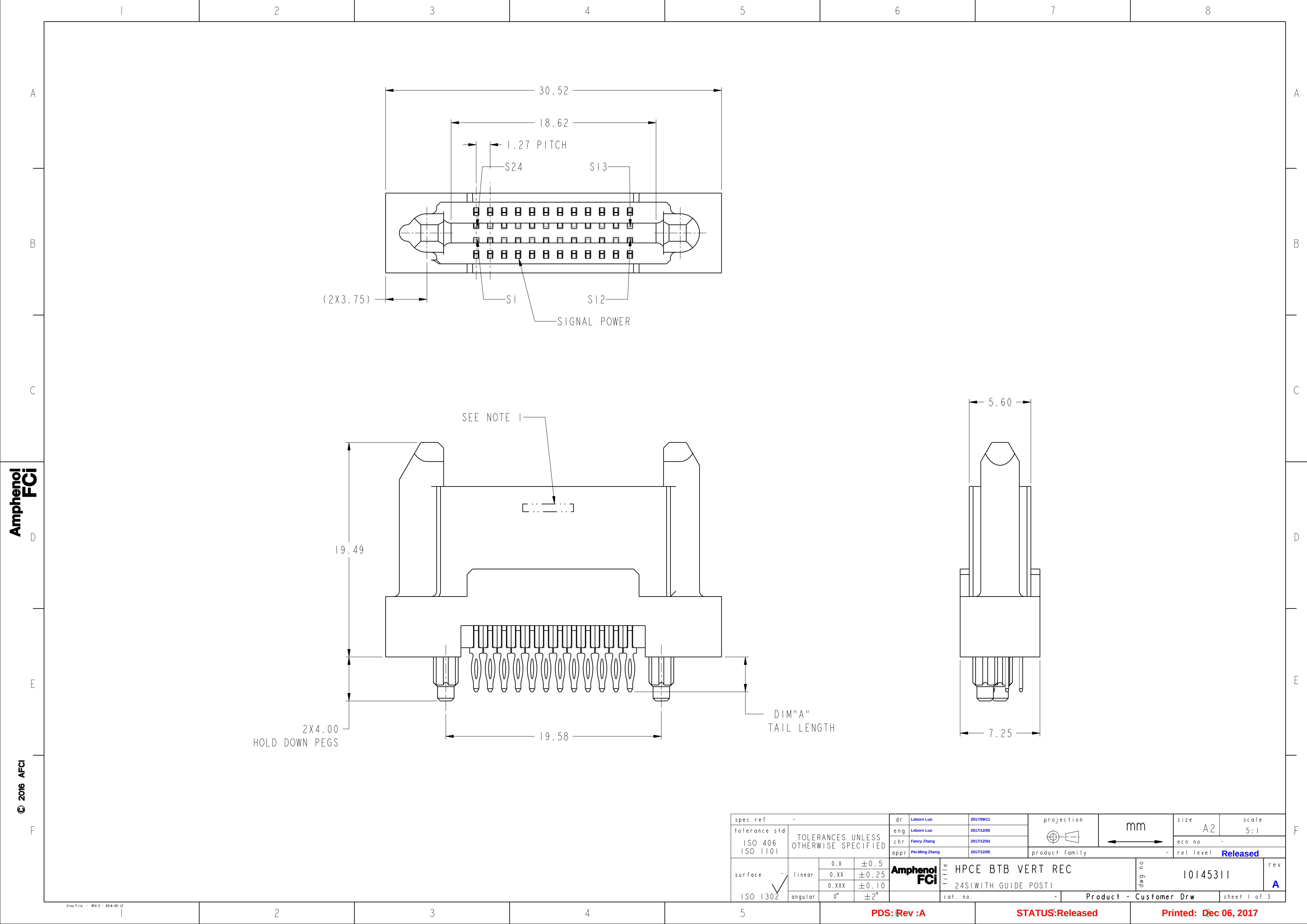


spec ref	-	dr	Leborn Luo	2017/09/11	projection	mm	size	A2	scale	5:1
tolerance std	ISO 406 ISO 1101	eng	Leborn Luo	2017/12/05	chr	Fancy Zhang	2017/12/04	ecn no	-	
surface	ISO 1302	appr	Pei-Ming Zheng	2017/12/05	product family	-	rel level	Released		
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	Amphenol FCI	title	HPCE BTB VERT REC 24S(WITH GUIDE POST)	cat. no.	-	Product - Customer Drw	sheet 1 of 3	rev	A
angular	0° ±2°									

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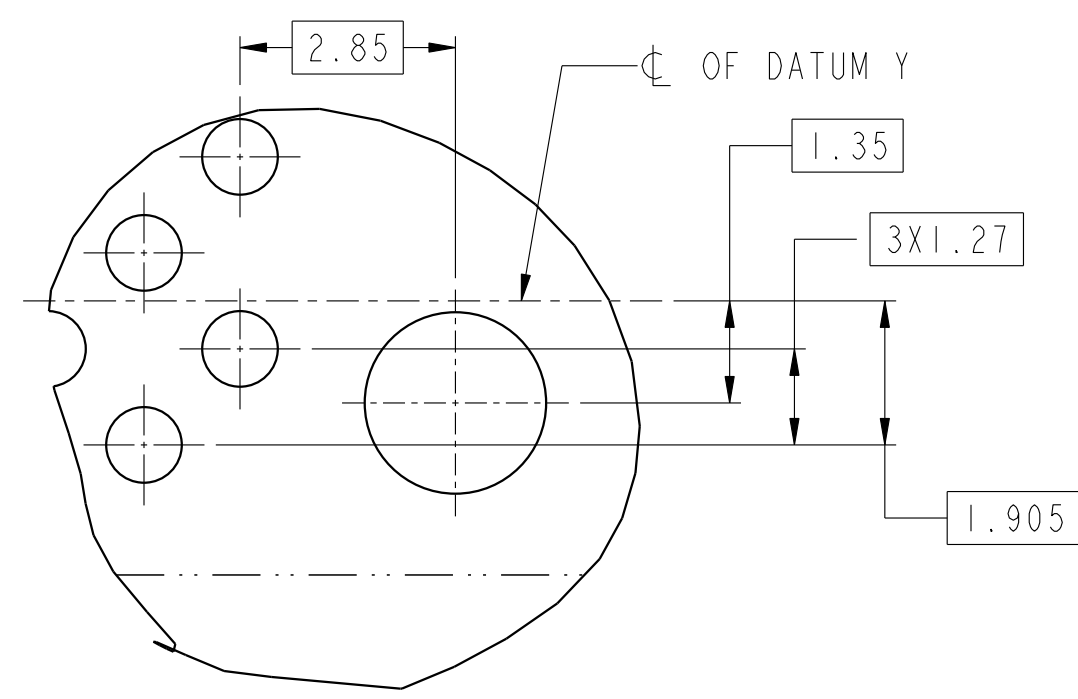
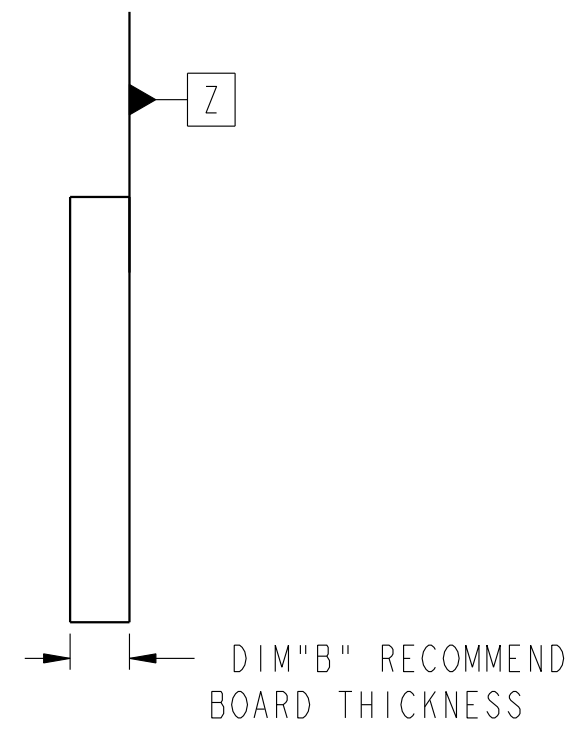
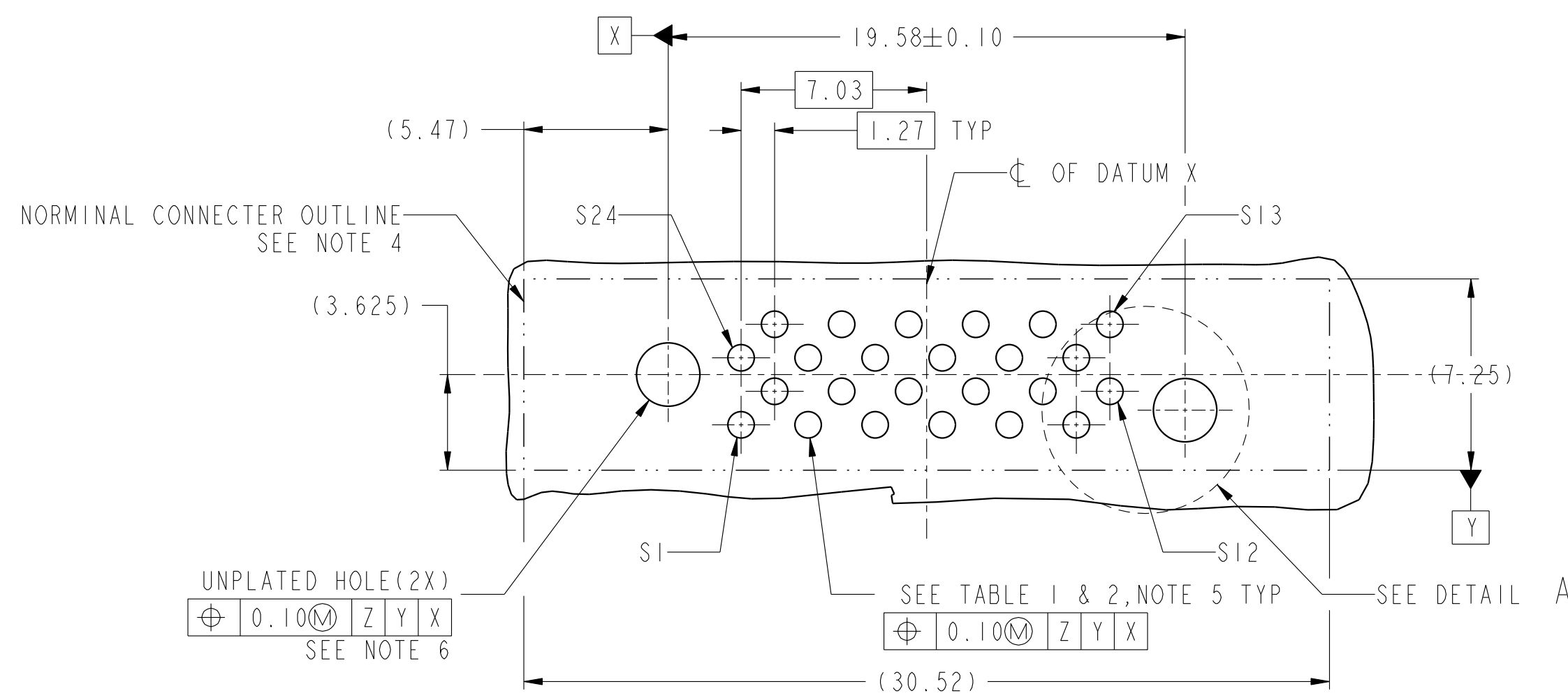
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CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.94 - 1.10
	COPPER	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10

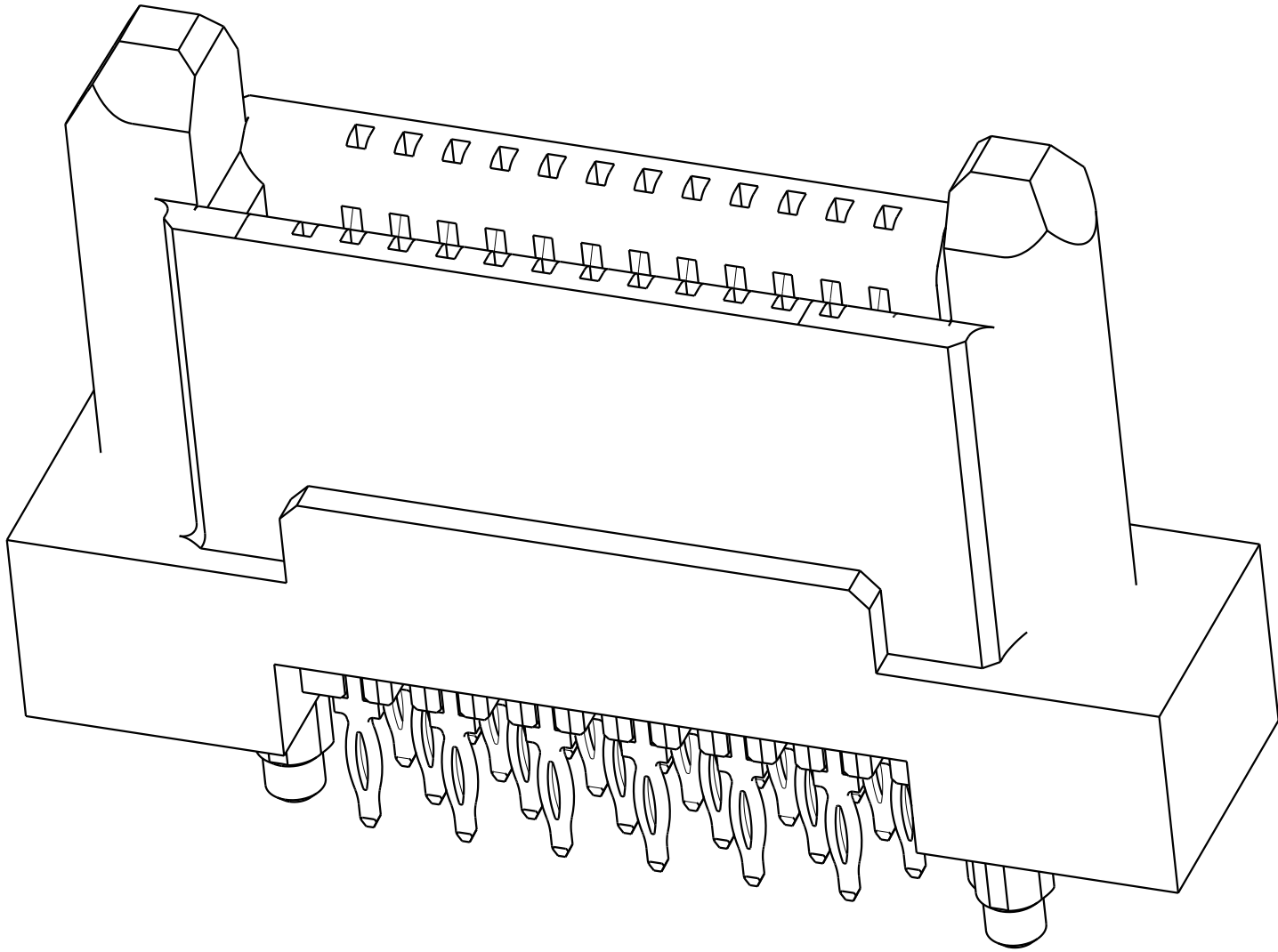
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
SIGNAL	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.70 - 0.80
	COPPER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



DETAIL A
SCALE 10:1

spec ref	-	dr	Leborn Luo	2017/09/11	projection	mm	size	A2	scale	5:1
tolerance std	ISO 406 ISO 1101	eng	Leborn Luo	2017/12/05	chr	Fancy Zhang	2017/12/04	ecn no	-	
surface	ISO 1302	appr	Pei-Ming Zheng	2017/12/05	product family	-	rel level	Released		
		Amphenol FCI	title				HPCE BTB VERT REC 24S(WITH GUIDE POST)	dwg no	10145311	rev
				cat. no.		Product - Customer Drw		sheet 2 of 3		

HPCE PART NUMBER (TABLE 3)			
PART NUMBER	TAIL TYPE	DIM "A"±0.25 TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
10145311-001LF	STB	3.17	2.36±0.13
10145311-002LF	PF		1.57 MIN
10145311-003LF	STB	3.75	3.20±0.18



NOTES:

1. PRODUCT MARK:
PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE .
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
2. MATERIALS:
-HOUSING : HIGH TEMPERATURE THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLACK.
-CONTACT : COPPER ALLOY.
3. CONTACT FINISH REF: GS-12-1031 SECTION TBD.
4. DENOTES CONNECTOR KEEP OUT ZONE.
5. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
6. MOUNTING HOLES ARE UNPLATED
Ø2.18 +/- 0.03 FOR SOLDER TAILS
Ø2.40 +/- 0.10 FOR PRESS-FIT TAILS
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 245°C PEAK TEMPERATURE FOR 10 SECONDS
IN A WAVE SOLDER APPLICATION.
8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-47-0004.
9. PRESS FIT APPLICATION TOOL DRAWING : 10125182.
10. PRODUCT SPECIFICATION : GS-12-1125.
APPLICATION SPECIFICATION : GS-20-0388.
PACKAGING SPECIFICATION: GS-14-2272.

spec ref -				dr Leborn Luo 2017/09/11		projection 	mm 	size A2	scale 5:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Leborn Luo 2017/12/05				ecn no -	
ISO 406 ISO 1101				chr Fancy Zhang 2017/12/04				rel level Released	
		appr Pei-Ming Zheng 2017/12/05		product family -					
surface  ISO 1302	linear	0.X	±0.5	Amphenol FCI	title HPCE BTB VERT REC 24S(WITH GUIDE POST)	dwg no 10145311	rev A		
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°						
				cat. no. -	Product - Customer Drw			sheet 3 of 3	

Mouser Electronics

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[10145311-001LF](#) [10145311-003LF](#) [10145311-002LF](#)