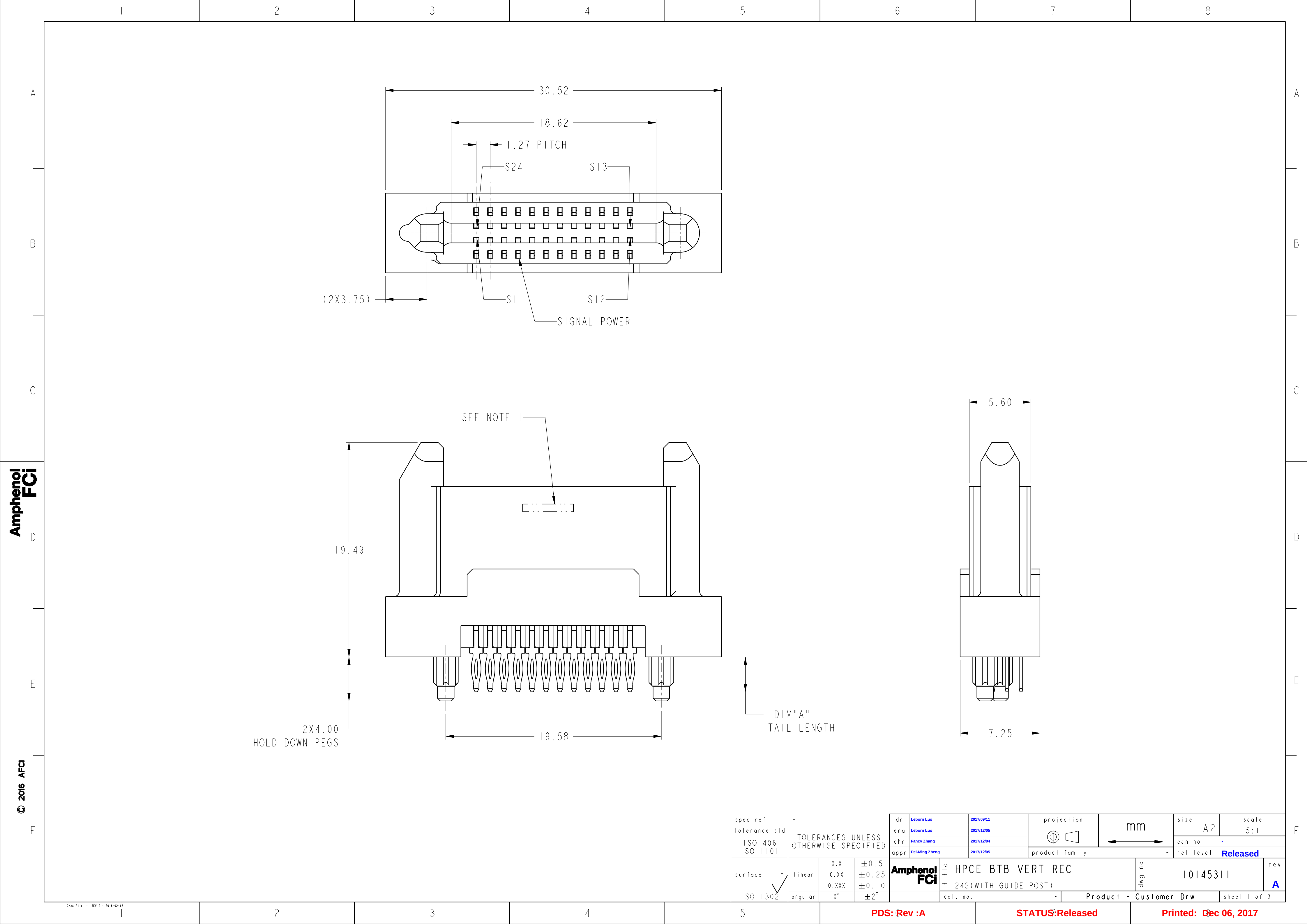




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spec ref		-		dr		Leborn Luo		2017/09/11		projection  mm		size		A2		scale		5:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Leborn Luo		2017/12/05				ecn no		-		rel level		Released							
ISO 406				chr		Fancy Zhang		2017/12/04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

PDS: Rev :A

STATUS:Released

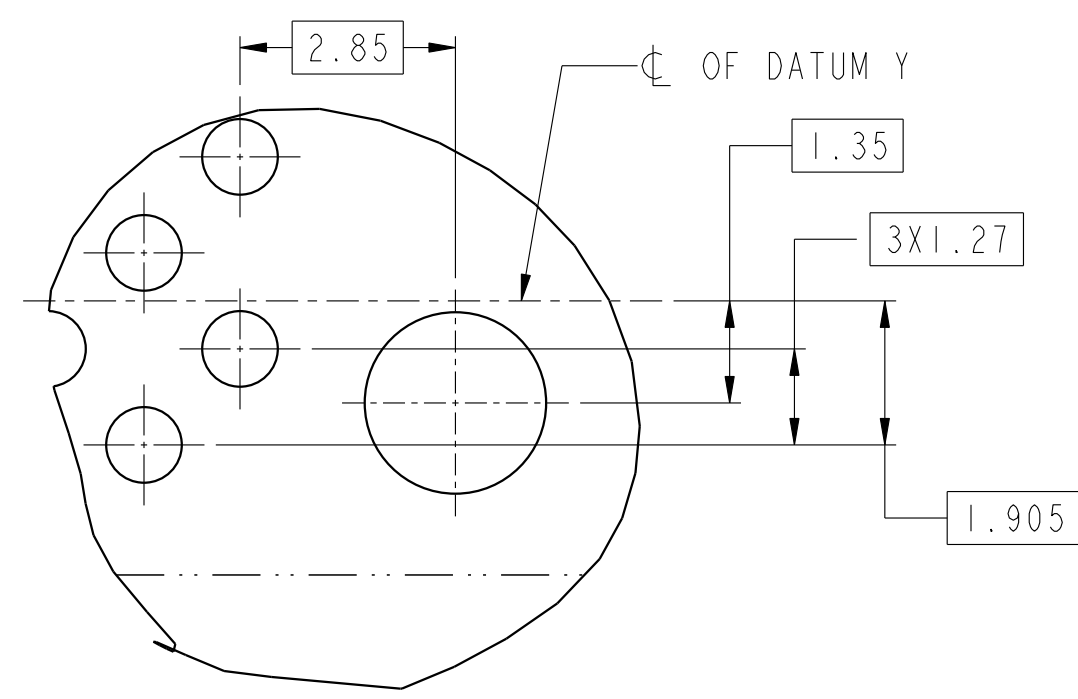
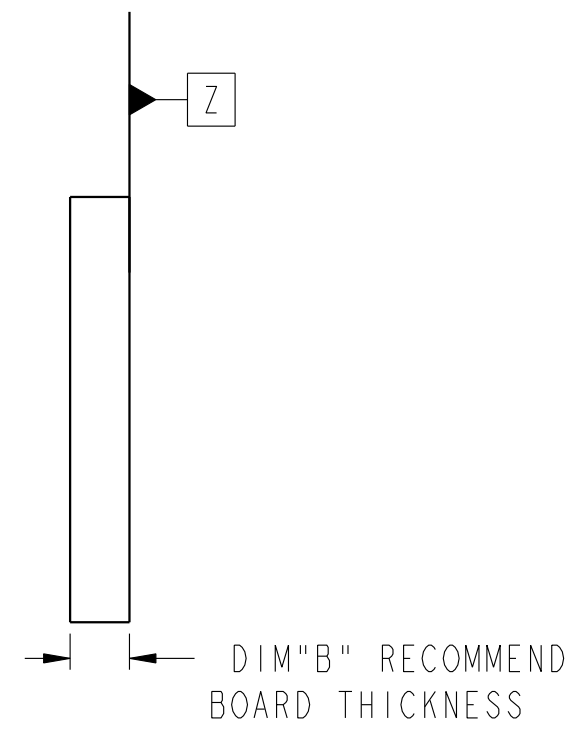
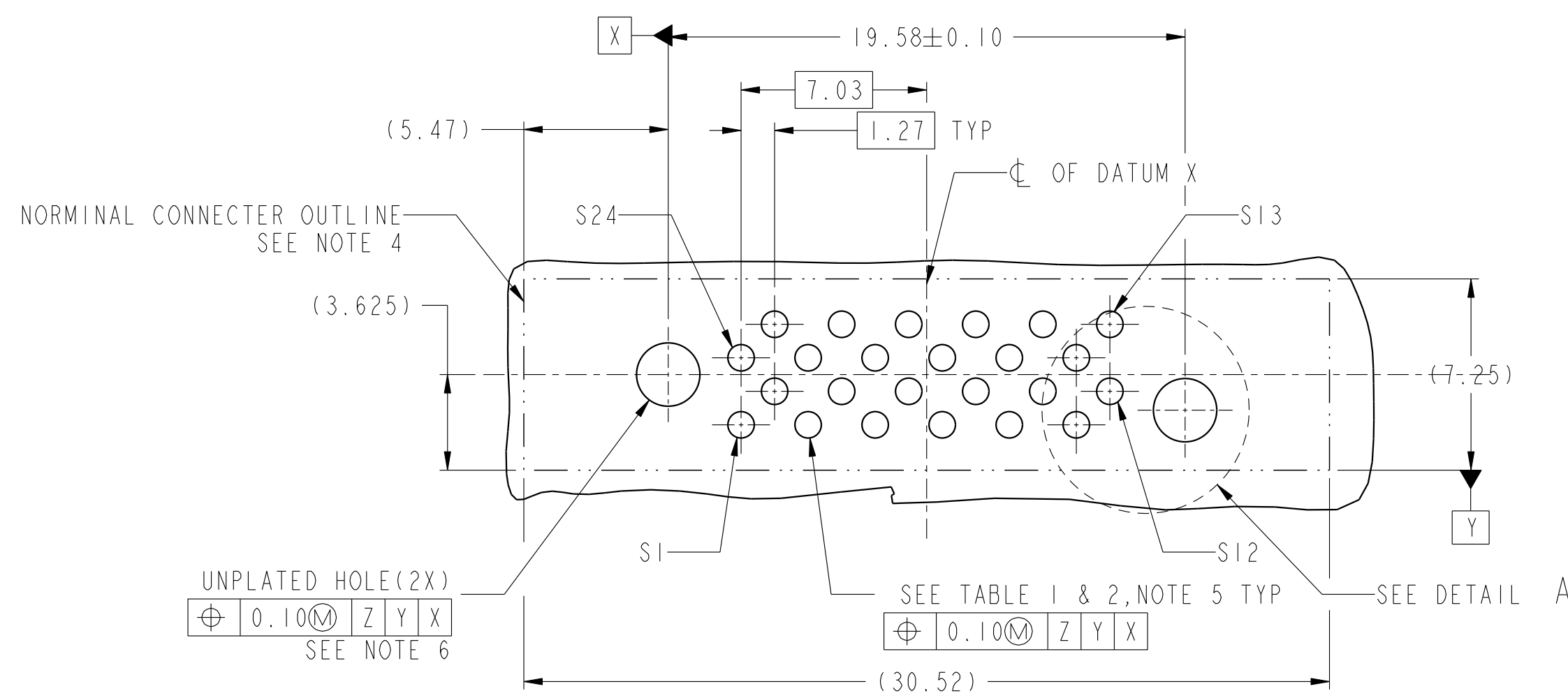
Printed: Dec 06, 2017

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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

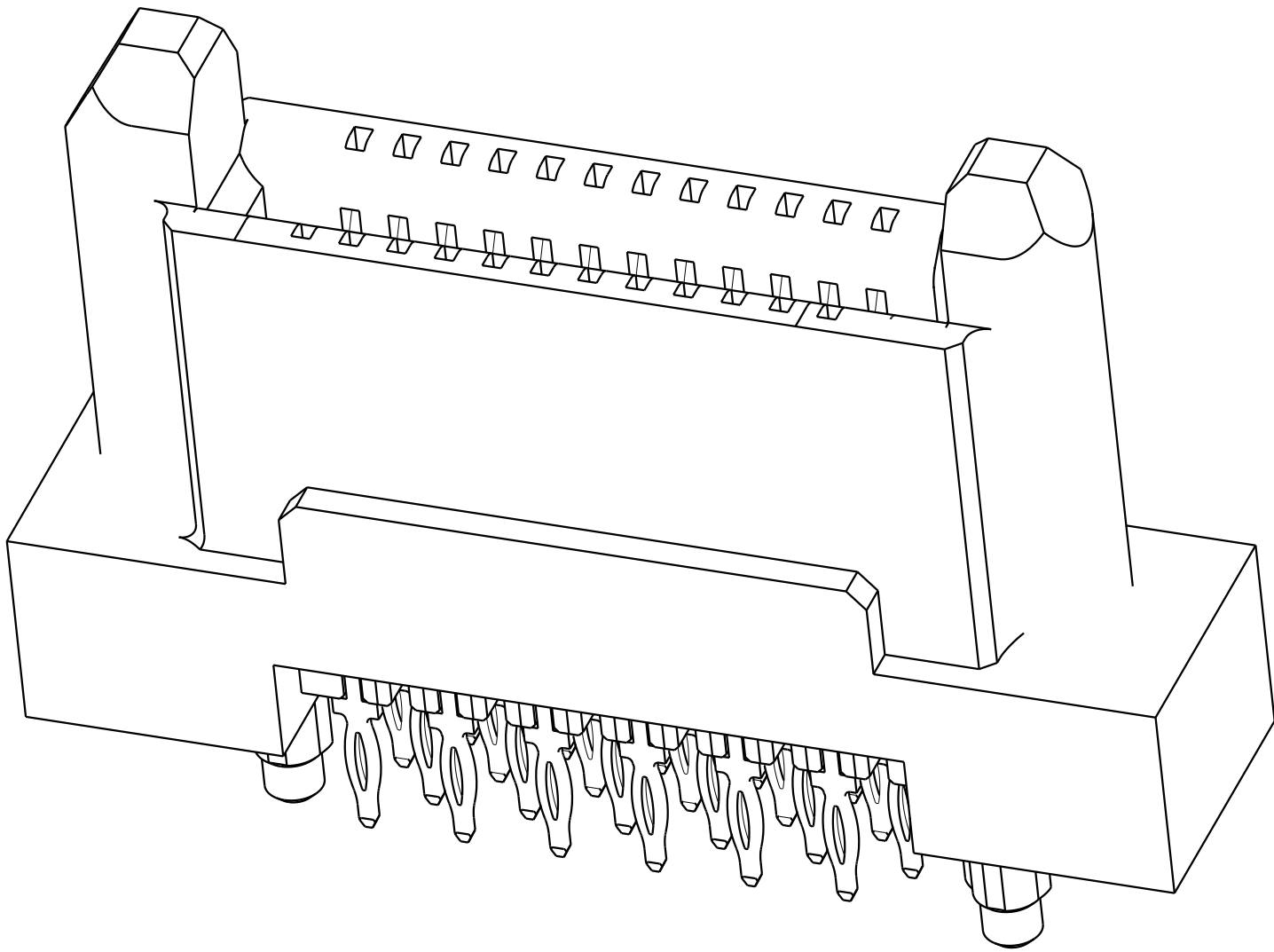
spec ref		-		dr		Leborn Luo		2017/09/11		projection		mm		size		A2		scale		5:1			
tolerance std		ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Leborn Luo		2017/12/05						ecn no		-					
surface		linear		0.X ±0.5 0.XX ±0.25 0.XXX ±0.10		Amphenol FCI		title		HPCE BTB VERT REC 24S(WITH GUIDE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

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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				eng Leborn Luo		2017/12/05						ecn no -		rel level Released	
ISO 406 ISO 1101				chr Fancy Zhang		2017/12/04						rel level Released			
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Pei-Ming Zheng		2017/12/05		product family		-					
surface ISO 1302		linear		0.X		±0.5		Amphenol FCI		title HPCE BTB VERT REC		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	