

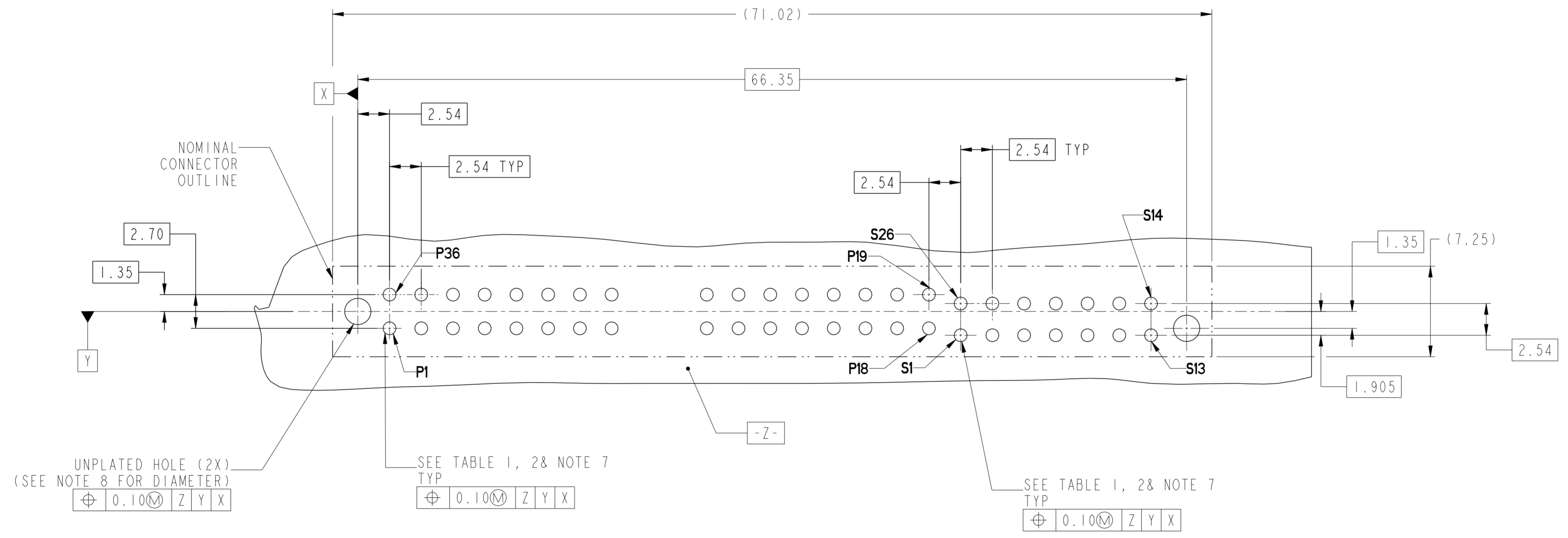
Amphenol
FCi

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spec ref	-	dr	Hai-Ling Liu	2015/03/13	projection	mm	size	A2	scale	1:1		
tolerance std	ISO 406 ISO 1101	eng	Ada Ye	2020/09/15			ecn no	ELX-DG-38353-1				
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Zheng, Pei-Min	2020/09/15	product family	rel level	Released	
surface	linear	0.X	±0.5		Amphenol FCI		title	HPCE VERT		dwg no 10133888	rev C	
		0.XX	±0.25		36P26S OMITTED 4P AND 12S		cat. no.	Product - Customer Draw				sheet 1 of 4
	angular	0°	±2°		PDS: Rev :C		STATUS:Released		Printed: Sep 15, 2020			

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
POWER & 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 (SEE NOTE 8)	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
POWER & 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 (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



Amphenol FCI

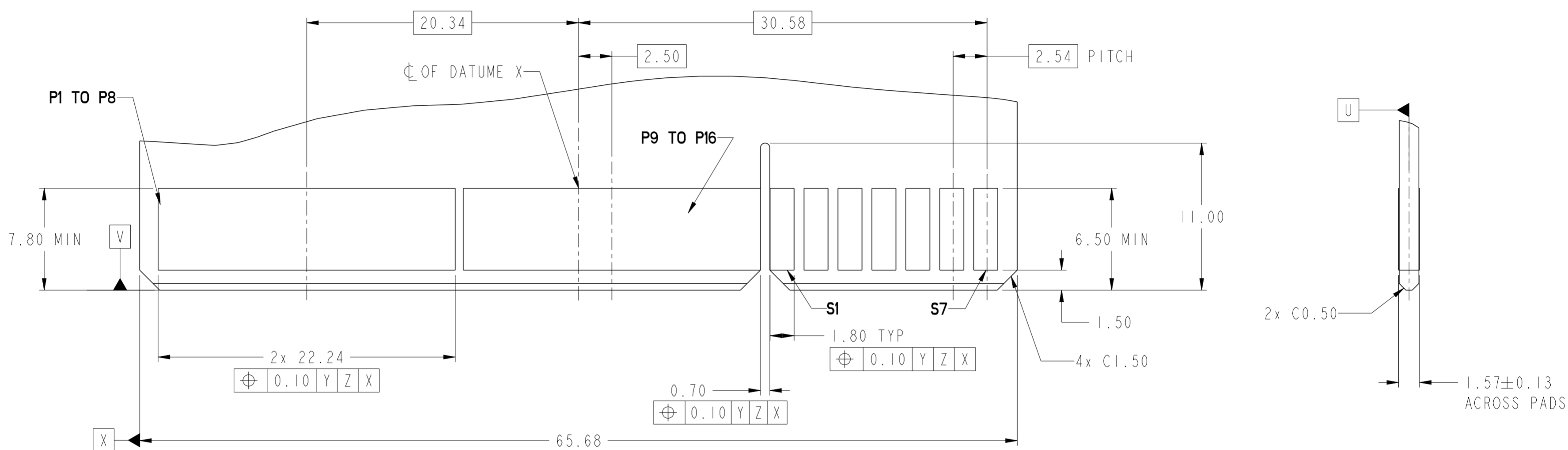
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tolerance std	ISO 406 ISO 1101	eng	Ada Ye	2020/09/15			ecn no	ELX-DG-3853-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	rel level				Released		
surface	linear	0.X	±0.5	appr	Zheng, Pei-Min	2020/09/15	product family	36P26S OMITTED 4P AND 12S		
	angular	0°	±2°	Amphenol FCI		title	HPCE VERT	dwg no	10133888	
				cat. no.		Product - Customer Drw	sheet 2 of 4		rev	C

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spec ref	-	dr	Hai-Ling Liu	2015/03/13	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Ada Ye	2020/09/15			ecn no	ELX-DG-38353-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Zheng, Pei-Min	2020/09/15	product family	rel level
surface	ISO 1302	linear	0.X	±0.5				title	HPCE VERT	
			0.XX	±0.25	36P26S OMITTED 4P AND 12S			cat. no.	Product - Customer Drw	sheet 3 of 4
		angular	0°	±2°	divg no	10133888		rev	C	

HPCE PART NUMBER (TABLE 3) NOT TOOLED

PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
10133888-001LF	SOLDER	YES	3.17 ±0.25	2.36±0.13
10133888-002LF	SOLDER	NO		
10133888-003LF	PRESS-FIT	YES	3.17±0.25	1.57 MIN
10133888-004LF	PRESS-FIT	NO		

NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.

2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.

3. PRODUCT SPECIFICATION: GS-12-604.

4. APPLICATION SPECIFICATION: GS-20-128.

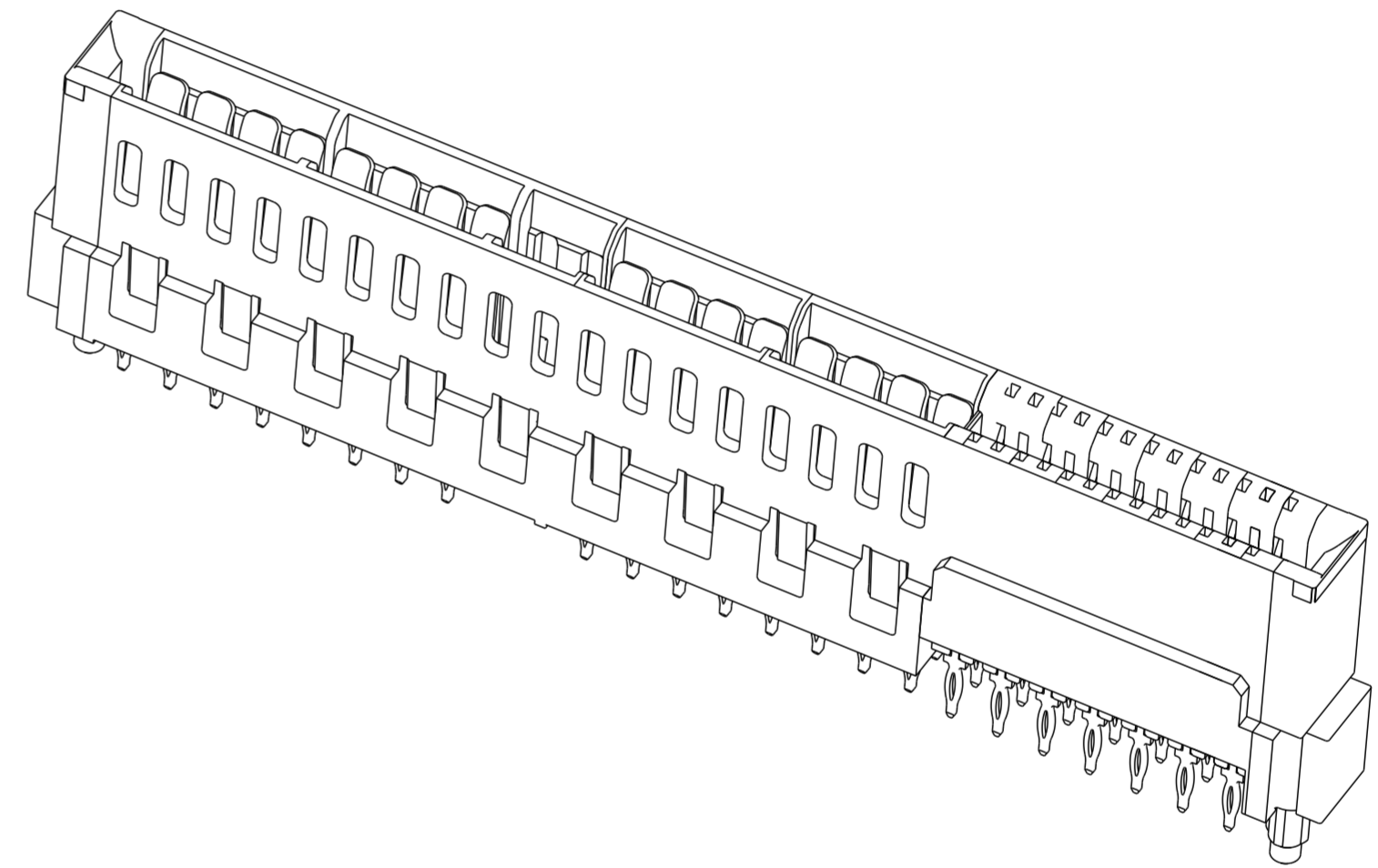
5. PRODUCT MARKING ON HOUSING IN AREA SHOWN SHOULD MEET FCI SPECIFICATION GS-24-007.

6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

7. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

8. MOUNTING HOLES ARE UNPLATED
 Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS
 Ø 2.10 +/- 0.03 FOR SOLDER TAILS

9. PRESS FIT APPLICATION TOOL DRAWING : 10119453.



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surface	ISO 1302	linear	0.X	±0.5				title	HPCE VERT		
			0.XX	±0.25				36P26S OMITTED 4P AND 12S	cat. no.	10133888	
		angular	0°	±2°				Product - Customer Drw	sheet 4 of 4	rev	C

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