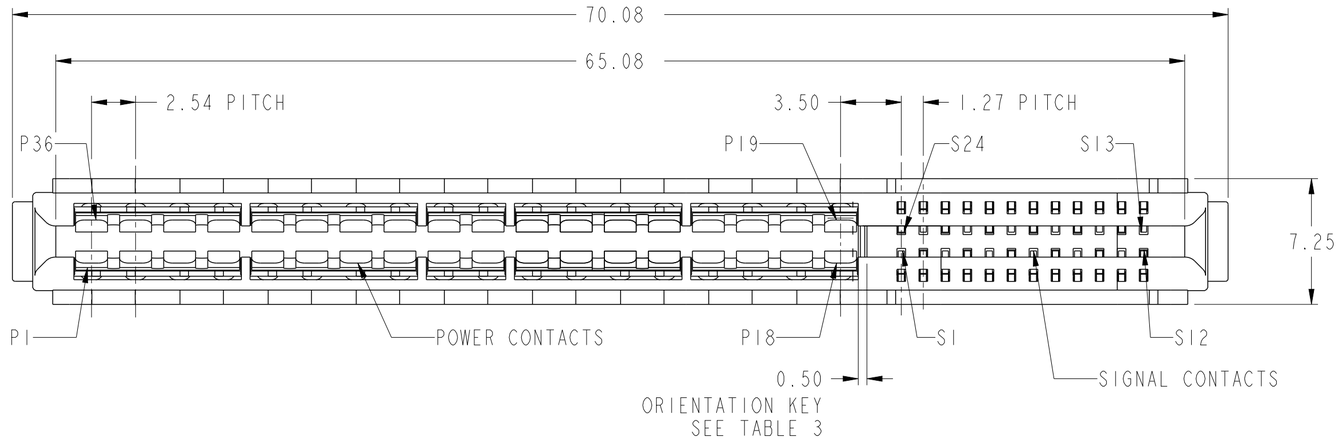
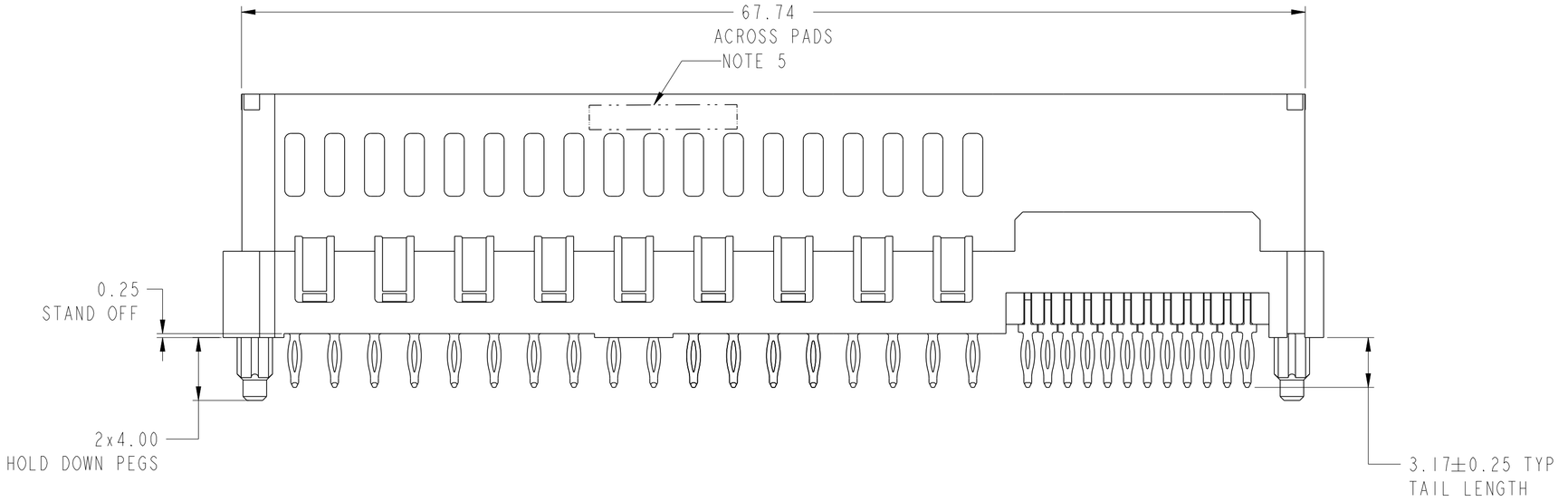
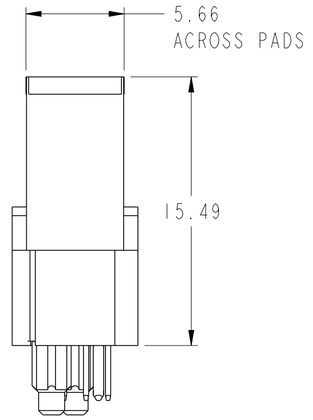




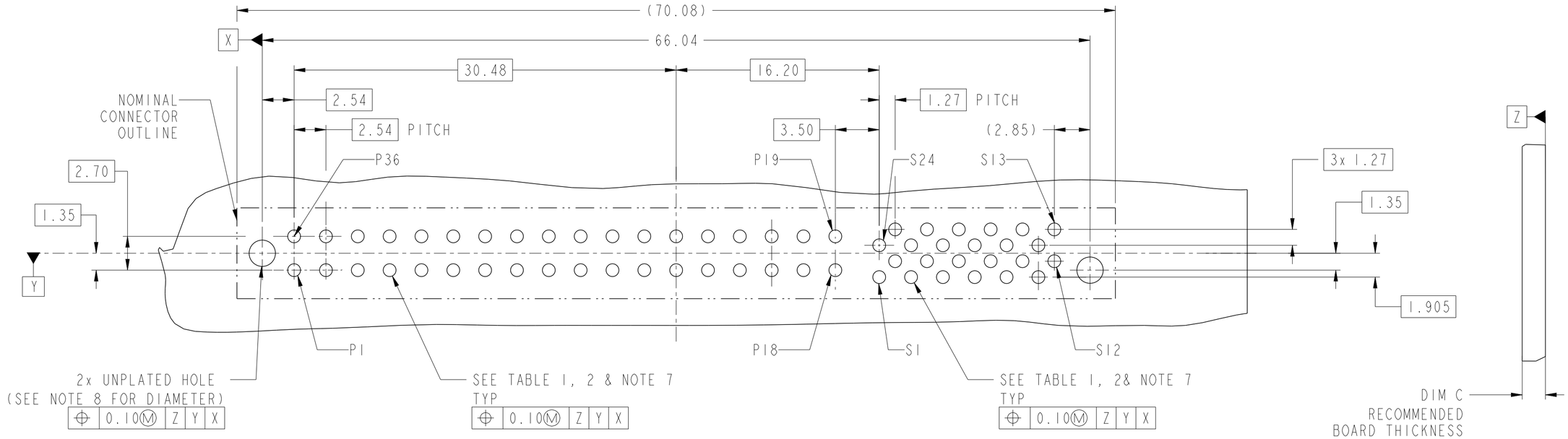


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spec ref	-		dr	Hai-Ling Liu	2015/04/23	projection	MM	size A2 / scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sunny2 Liu	2016/06/08			ecn no -
			chr	Terris Liu	2016/06/08			
			appr	Pei-Ming Zheng	2016/06/08	product family		rel level Released
surface ISO 1302	linear	0.X ±0.50	Amphenol FCi	title	HPCE VERT RECT 4HP2LP4HP24S		dwg no 10134877	rev A
		0.XX ±0.25						
		0.XXX ±0.10						
	angular	0° ±2°		cat. no.		Product - Customer Drw		sheet 1 of 4

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	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10

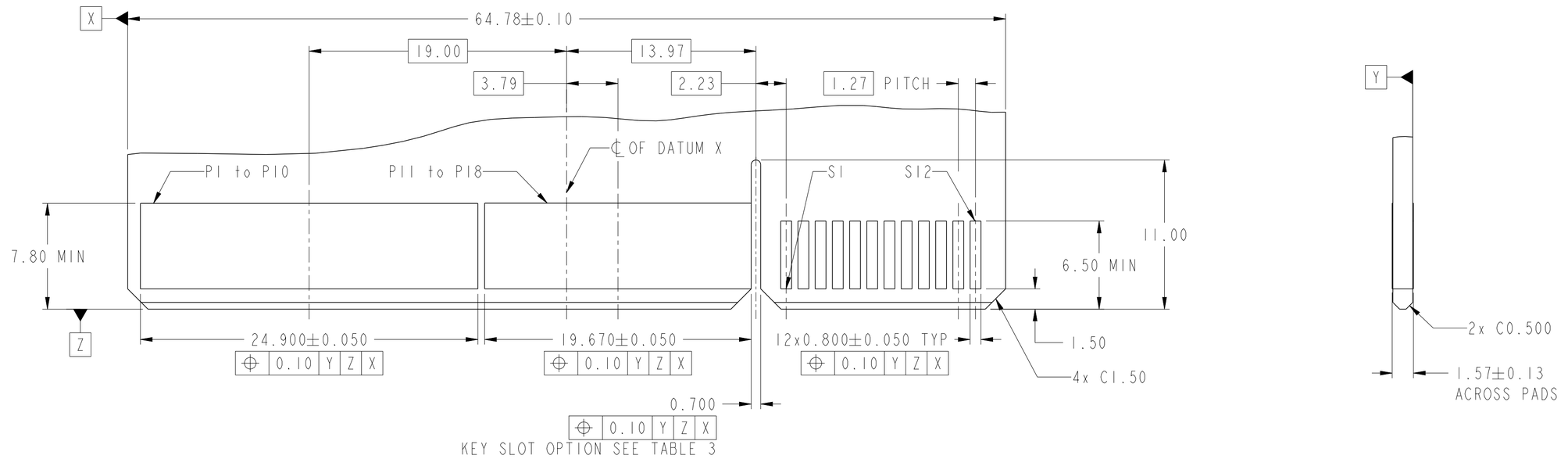
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION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



RECOMMENDED HOST BOARD LAYOUT

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spec ref	-			dr	Hai-Ling Liu	2015/04/23	projection	MM	size A2 / scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sunny2 Liu	2016/06/08			
				chr	Terris Liu	2016/06/08			ecn no -
				appr	Pei-Ming Zheng	2016/06/08	product family		rel level Released
surface ISO 1302	linear	0.X	±0.50	Amphenol FCi	title: HPCE VERT RECT 4HP2LP4HP24S			dwg no 10134877	rev A
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°		cat. no.		Product - Customer Drw		sheet 2 of 4

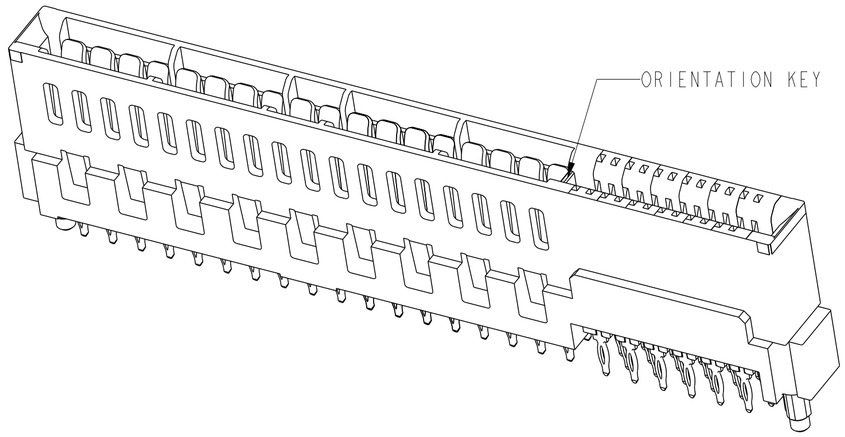


RECOMMENDED MATING BOARD

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spec ref	-			dr	Hai-Ling Liu	2015/04/23	projection	MM	size A2	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sunny2 Liu	2016/06/08				
				chr	Terris Liu	2016/06/08			ecn no	-
				appr	Pei-Ming Zheng	2016/06/08	product family		rel level	Released
surface ISO 1302	linear	0.X	±0.50	Amphenol FCi	title	HPCE VERT RECT 4HP2LP4HP24S			dwg no	10134877 rev A
		0.XX	±0.25							
		0.XXX	±0.10							
	angular	0°	±2°		cat. no.		Product - Customer Drw		sheet 3 of 4	

PART NUMBER	TAIL TYPE	ORIENTENTION KEY	TAIL LENGTH	DIM C RECOMMENDED BOARD THICKNESS
10134877-001LF	SOLDER	YES	3.17±0.25	2.36
10134877-002LF		NO		
10134877-003LF	PRESS FIT	YES		1.57 MIN
10134877-004LF		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 MEETS AFCI 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 TYPE
   Ø 2.18 +/- 0.03 FOR SOLDER TAILS TYPE

9. PRESS FIT APPLICATION TOOL DRAWING : 10119453.

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spec ref -				dr	Hai-Ling Liu	2015/04/23	projection	MM	size A2 / scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sunny2 Liu	2016/06/08			
				chr	Terris Liu	2016/06/08			ecn no -
				appr	Pei-Ming Zheng	2016/06/08	product family		rel level Released
surface ISO 1302	linear	0.X	±0.50	Amphenol FCi	title	HPCE VERT RECT 4HP2LP4HP24S		dwg no 10134877	rev A
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°		cat. no.		Product - Customer Drw		sheet 4 of 4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

10134877-003LF