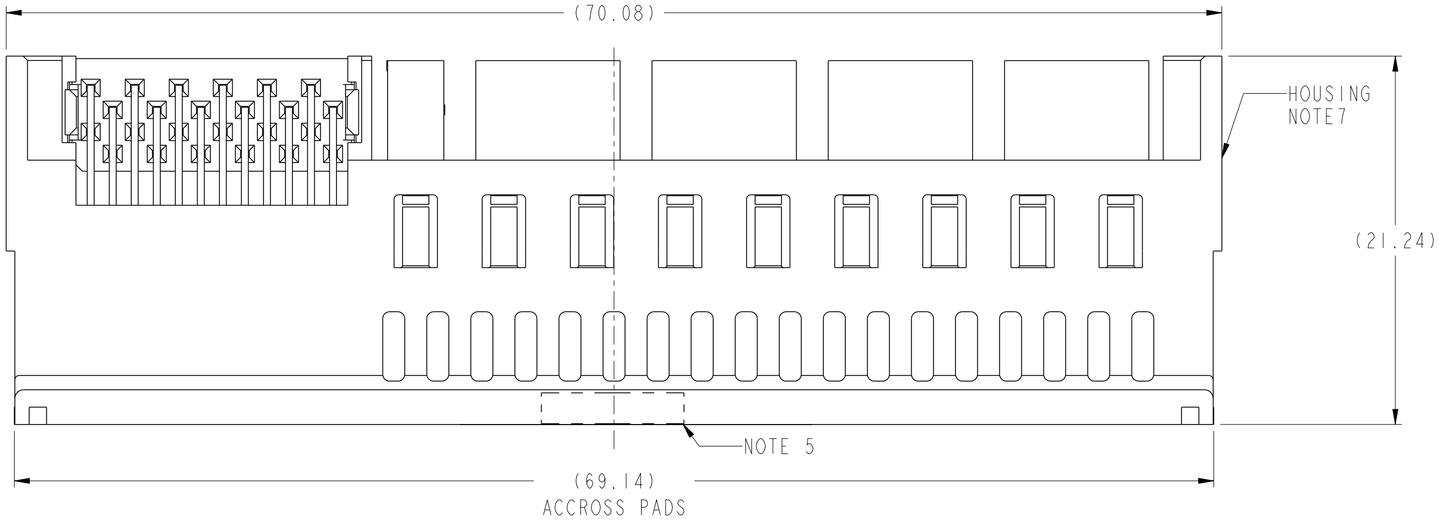
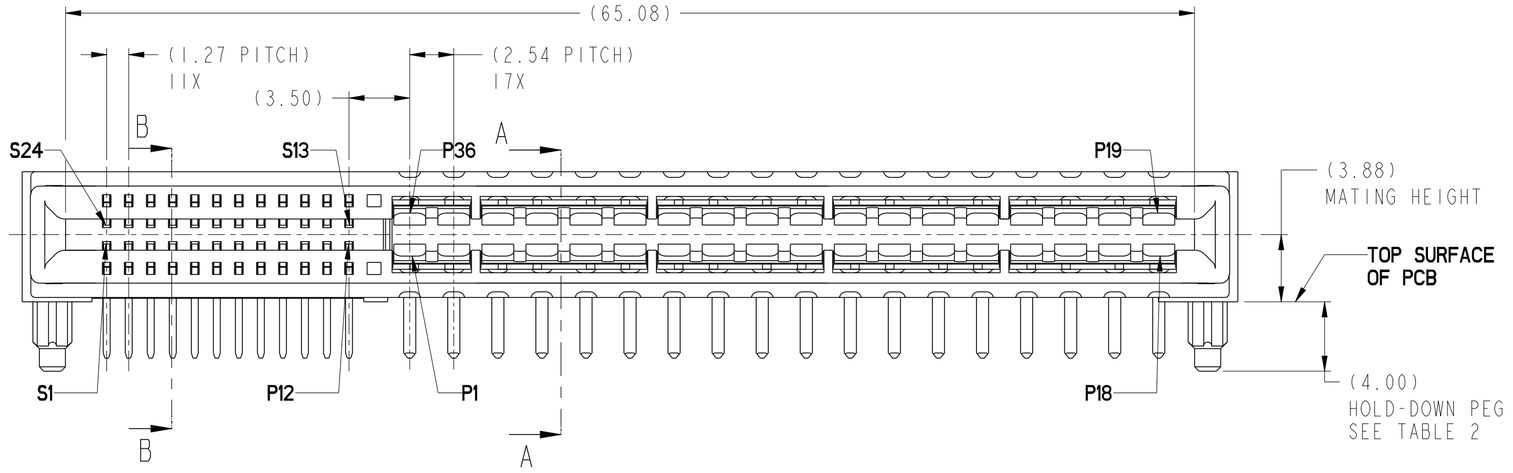
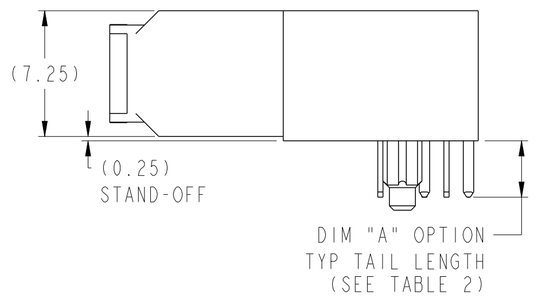
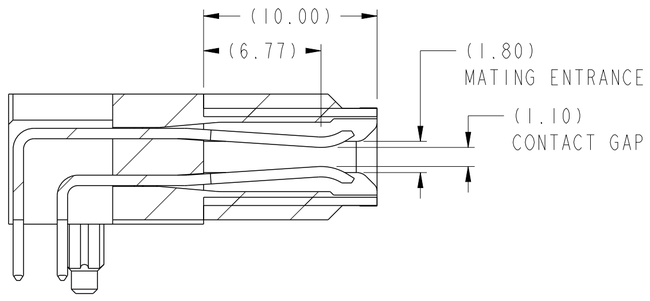
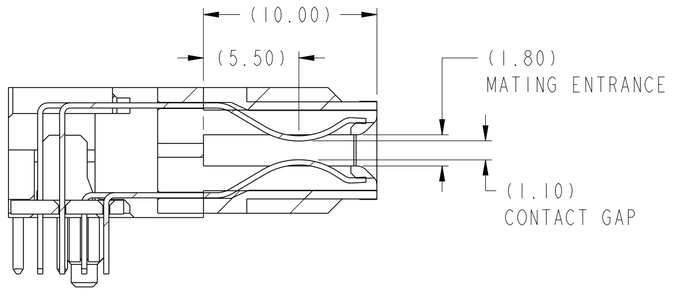








SECTION A-A
SCALE 4:1



SECTION B-B
SCALE 4:1

spec ref	-			dr	Wei-Long Zhang	2012/05/11	Amphenol Power Solutions
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ada Ye	2020/11/20	MM / scale 4:1 / size A2
				rvwr	-	-	ecn no ELX-DG-38671-1
				appr	Zheng, Pei-Min	2020/11/20	A Division of Amphenol Corporation amphenol-icc.com / rel level Released
surface ISO 1302	linear	0.X	±0.3	projection	title	R/A RECT (24S-36P) HIGH POWER CARD EDGE	dwg no 10121038 / rev C
		0.XX	±0.10				cat. no.
		0.XXX	±0.05				
	angular	0°	±2°			product family Product - Customer Drw	sheet 1 of 4

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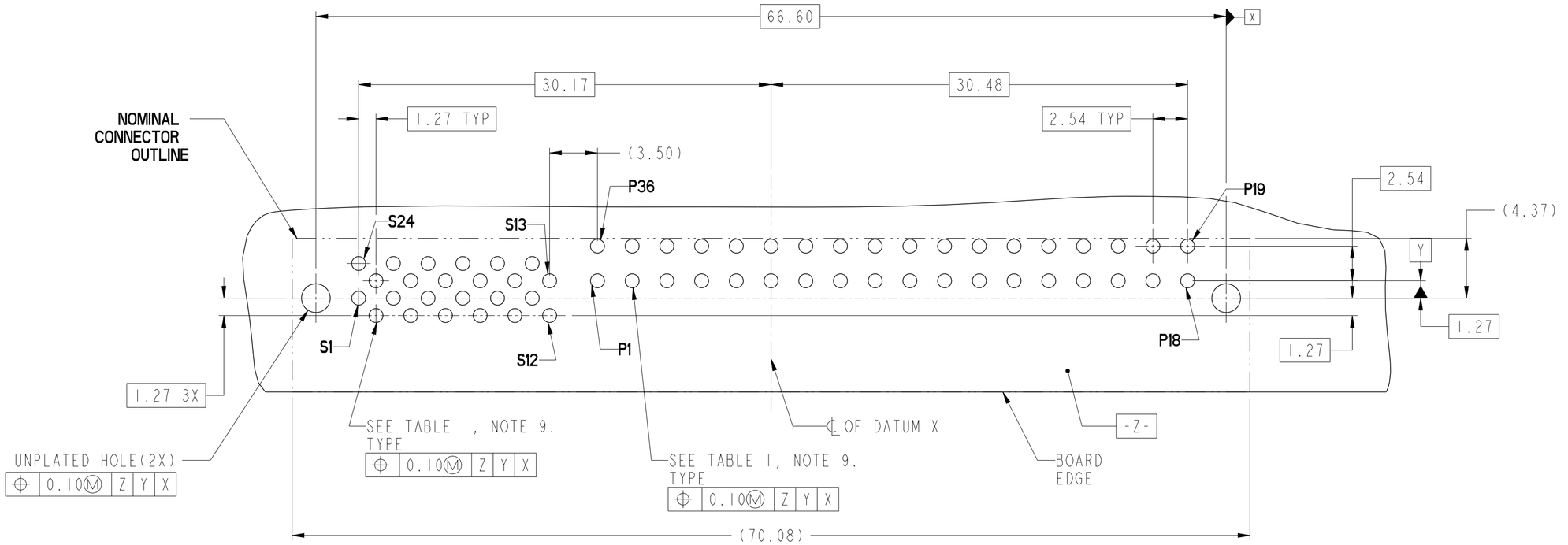
PDS: Rev :C STATUS: Released Printed: Nov 20, 2020

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



NOMINAL CONNECTOR OUTLINE

RECOMMENDED PCB LAYOUT

spec ref	-	dr	Wei-Long Zhang	2012/05/11	Amphenol Power Solutions	MM	scale 4:1 / size A2
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Ada Ye	2020/11/20		ecn no	ELX-DG-38671-1
		rvwr	-	-		rel level	Released
		appr	Zheng, Pei-Min	2020/11/20	A Division of Amphenol Corporation amphenol-icc.com		
surface ISO 1302	linear 0.X ±0.3; 0.XX ±0.10; 0.XXX ±0.05	projection		title	R/A RECT (24S-36P) HIGH POWER CARD EDGE	dwg no	10121038
	angular 0° ±2°			product family	Product - Customer Drw	cat. no.	rev C
						sheet 2 of 4	

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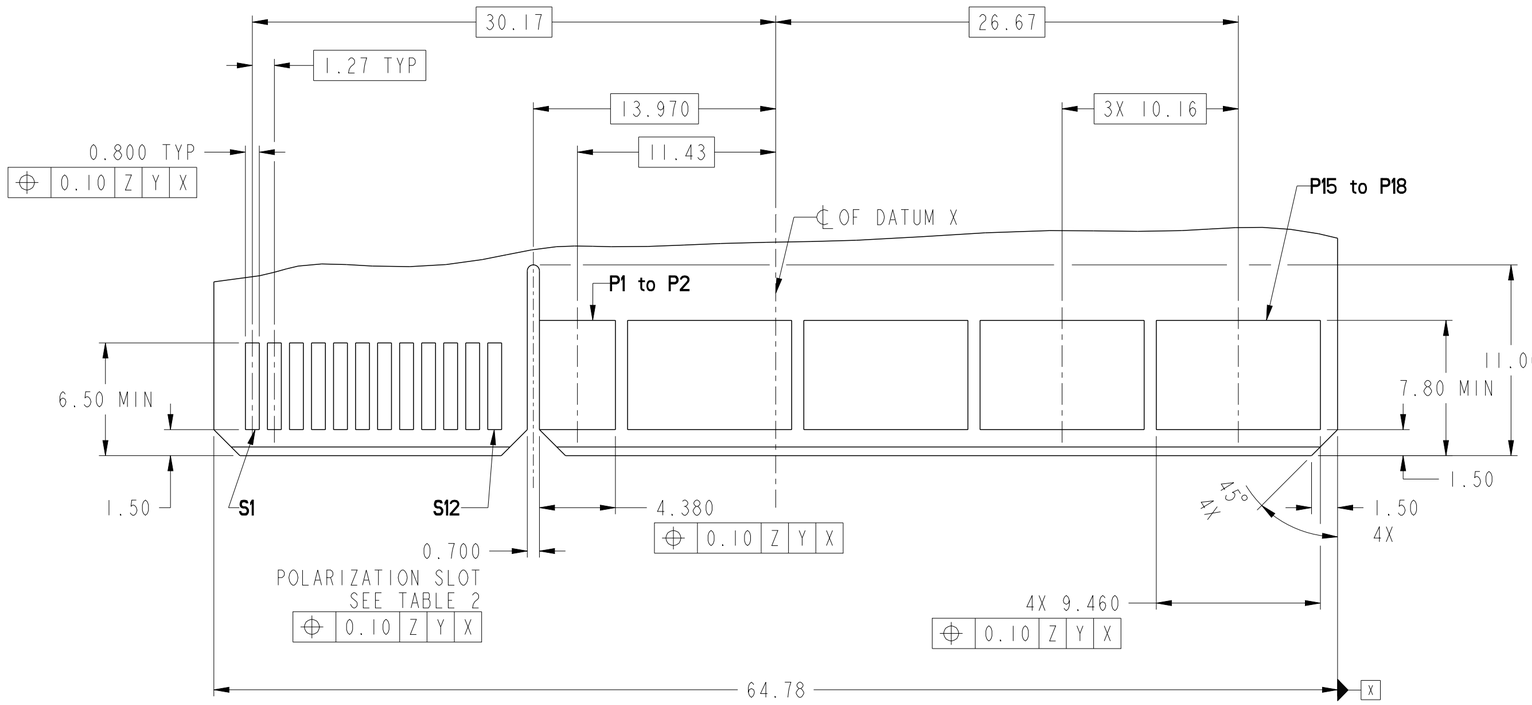
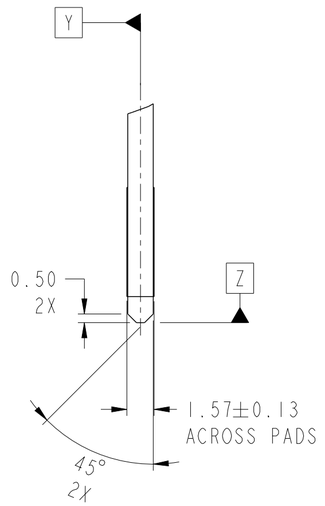
PDS: Rev :C STATUS: Released Printed: Nov 20, 2020

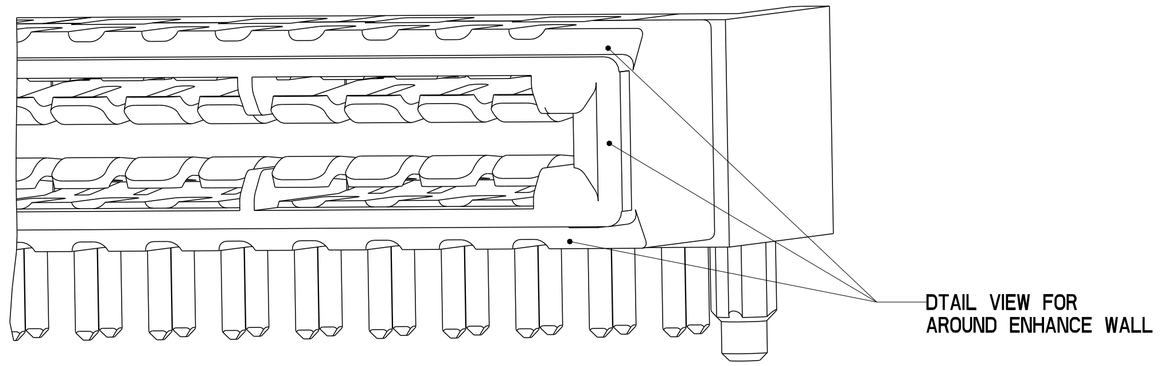


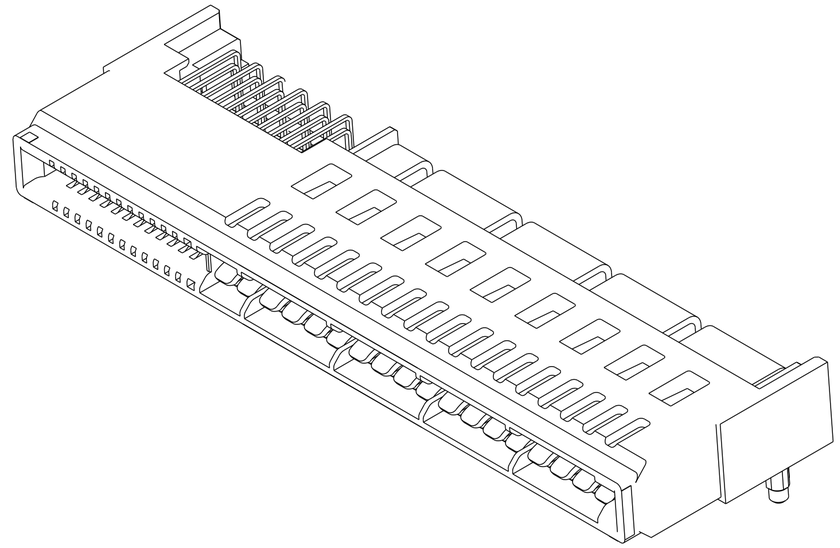


RECOMMENDED MATING BOARD FOOT PRINT

spec ref	-		dr	Wei-Long Zhang	2012/05/11	Amphenol Power Solutions	MM / scale 4:1 / size A2
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Ada Ye	2020/11/20		ecn no ELX-DG-38671-1
			rvwr	-	-	A Division of Amphenol Corporation amphenol-icc.com	rel level Released
surface ISO 1302	linear	0.X ±0.3	appr	Zheng, Pei-Min	2020/11/20	title R/A RECT (24S-36P) HIGH POWER CARD EDGE	dwg no 10121038 rev C
		0.XX ±0.10	projection				cat. no.
		0.XXX ±0.05				product family: Product - Customer Drw	sheet 3 of 4
	angular	0° ±2°					

HPCE PART NUMBER (TABLE 2)					
PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	PACKAGE
10121038-001LF	SOLDER TAIL	NO	YES	3.25±0.25	TRAY
10121038-002LF			NO		
10121038-003LF		YES	YES		
10121038-004LF			NO		
10121038-005LF		NO	YES	2.60±0.25	
10121038-006LF			NO		
10121038-007LF		YES	YES		
10121038-008LF			NO		
10121038-008QLF			NO		TAPE&REEL △6





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 (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
6. PACKAGING MEETS FCI SPECIFICATION GS-14-937 AND GS-14-2637.
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
10. MOUNTING HOLES ARE UNPLATED
    ∅ 2.18 +/- 0.03 FOR SOLDER TAILS
11. A △6 SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref	-		dr	Wei-Long Zhang	2012/05/11	Amphenol Power Solutions	MM / scale 4:1 / size A2
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Ada Ye	2020/11/20		ecn no ELX-DG-38671-1
			rvwr	-	-		
			appr	Zheng, Pei-Min	2020/11/20	A Division of Amphenol Corporation amphenol-icc.com	rel level Released
surface ISO 1302	linear	0.X ±0.3	projection		title	R/A RECT (24S-36P)	dwg no 10121038 / rev C
		0.XX ±0.10				HIGH POWER CARD EDGE	cat. no.
		0.XXX ±0.05					
	angular	0° ±2°			product family	Product - Customer Drw	sheet 4 of 4

Creo File:APH-PWR-A2C,REV A,2020-07-13

PDS: Rev :C STATUS:Released Printed: Nov 20, 2020