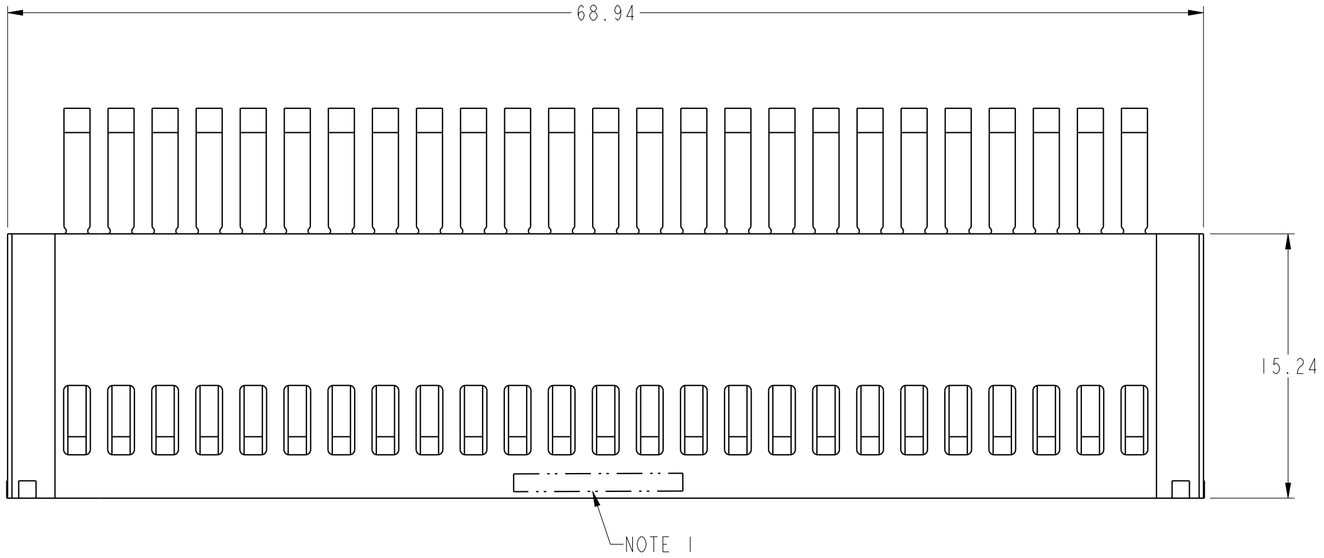
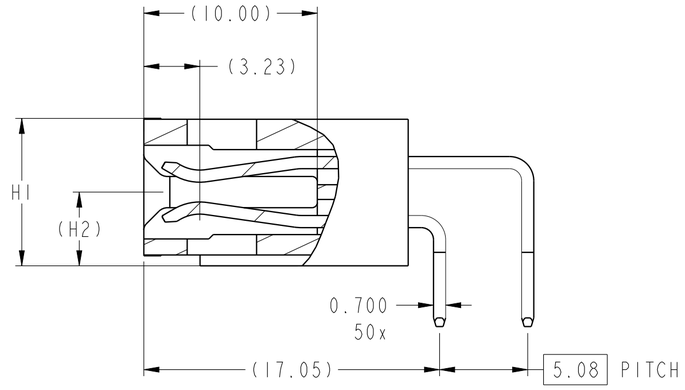
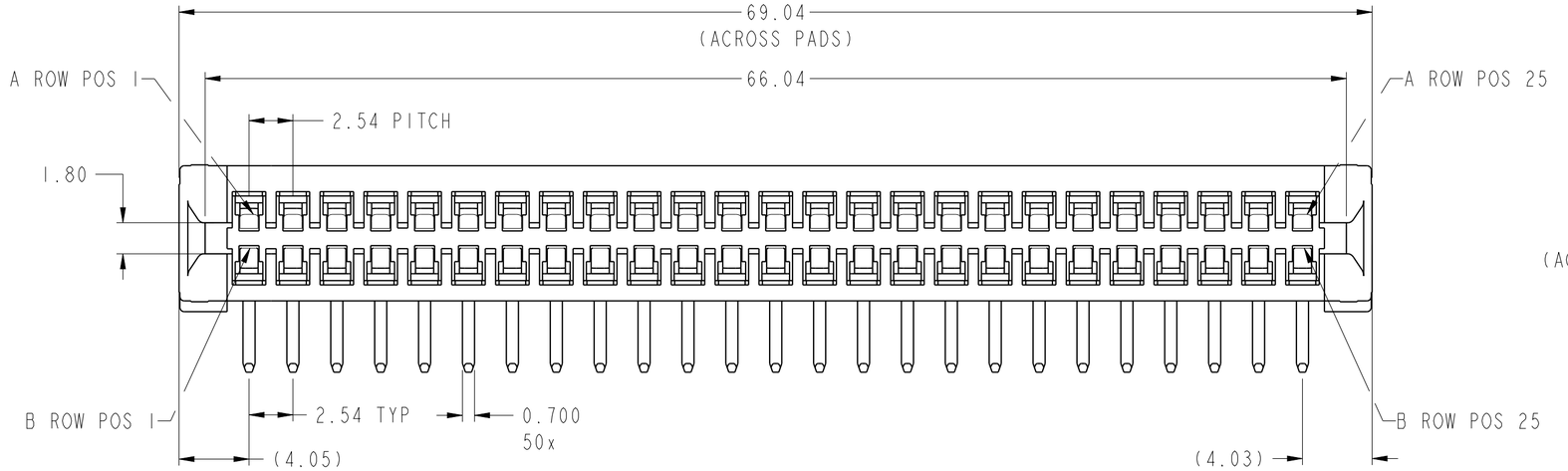
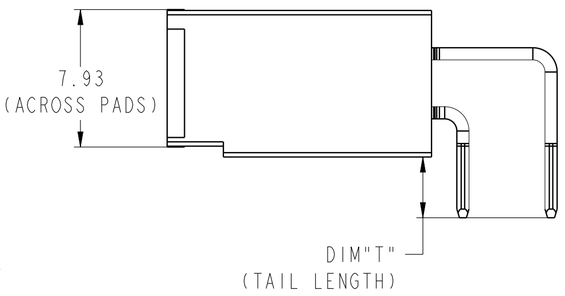




SECTION A-A
SCALE 4:1





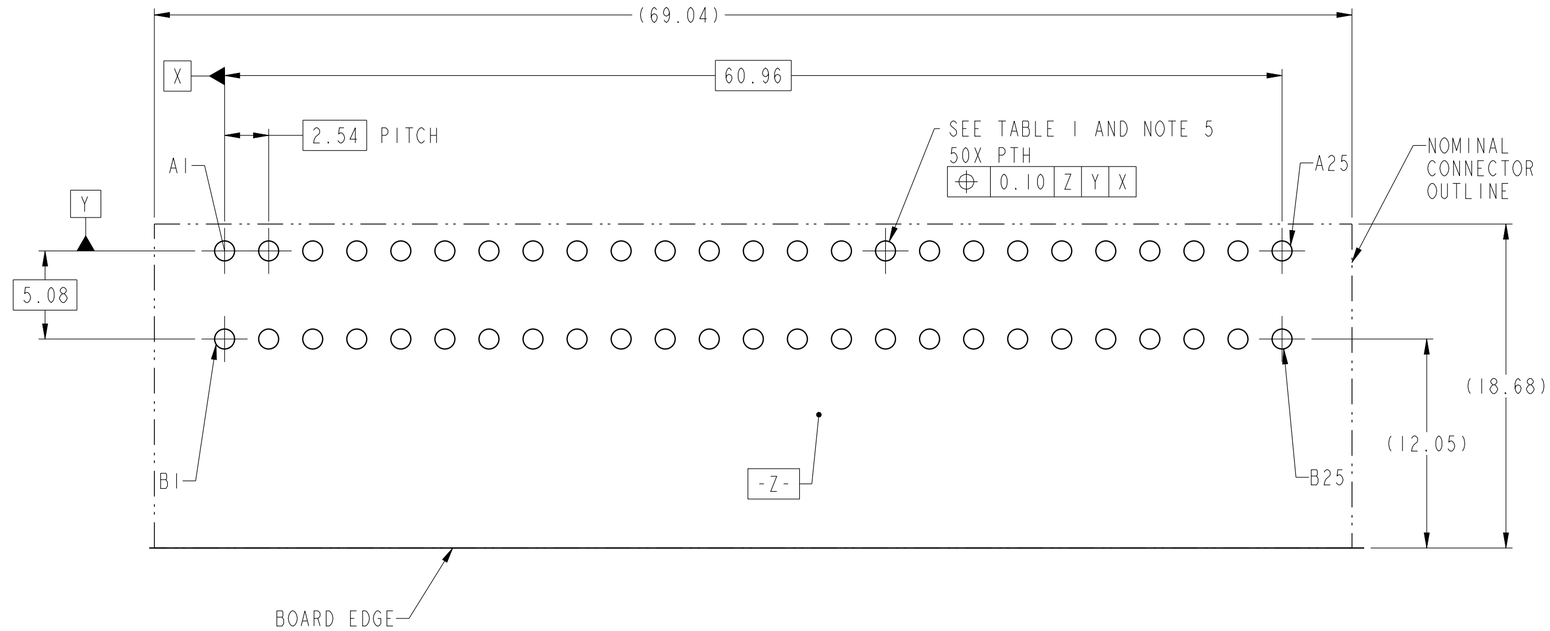
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spec ref	-			dr	Ada Ye	2020/07/06	Amphenol Power Solutions
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ada Ye	2022/01/03	MM · scale 1:1 · size A2
				rvwr	-	-	ecn no -
				appr	Zheng, Pei-Min	2022/01/03	A Division of Amphenol Corporation amphenol-icc.com · rel level Released
surface - ISO 1302	linear	0.X	±0.5	projection	title	eHPCE R/A	dwg no 10147875-03X · rev A
		0.XX	±0.25			2*25SP SPECIAL CONFIGURATION	cat. no. -
		0.XXX	±0.10			product family eHPCE · Product - Customer Drw	sheet 1 of 4
	angular	0°	±3°				

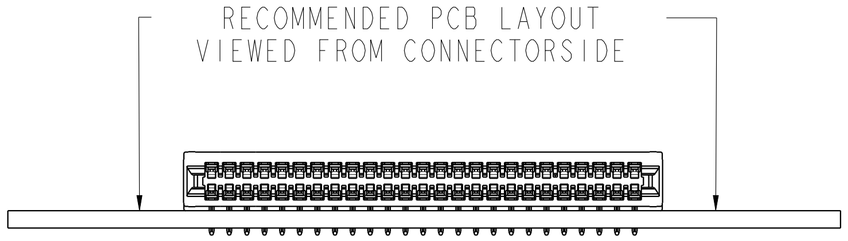
Crea File:APH-PWR-A2C,REV B,2021-05-07

PDS: Rev :A · STATUS:Released · Printed: Jan 04, 2022

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE I (eHPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
SINGLE POWER(1 BEAM)	TIN-LEAD	1.16-1.21 (1.20 DRILL)	0.020 - 0.040	0.005 - 0.010	--	1.05 - 1.15
	IMMERSION TIN	1.16-1.21 (1.20 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	1.05 - 1.15
	COPPER	1.16-1.21 (1.20 DRILL)	0.025 - 0.050	--	--	1.05 - 1.15



RECOMMENDED HOST BOARD LAYOUT
(DIMENSION TOLERANCE IS ±0.05MM)

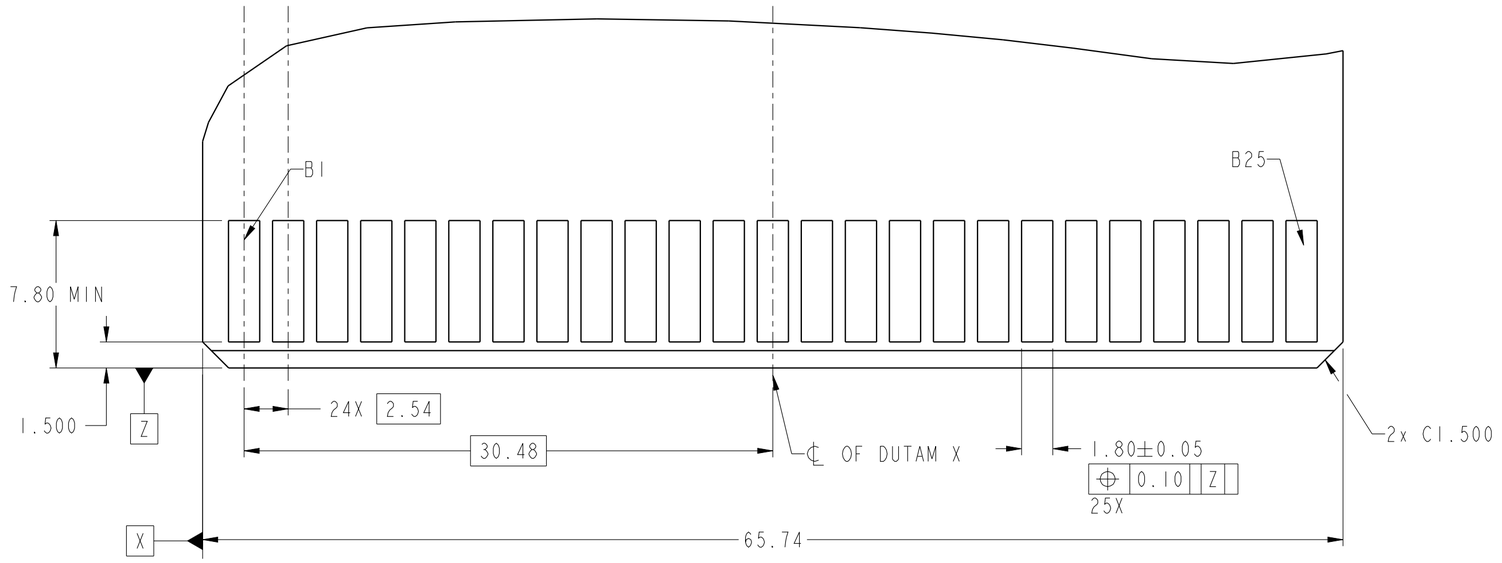


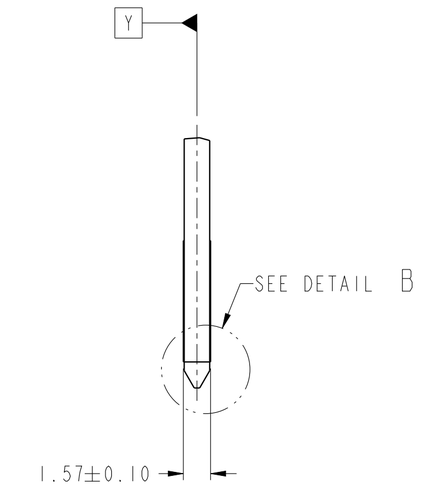
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spec ref	-			dr	Ada Ye	2020/07/06	Amphenol Power Solutions
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ada Ye	2022/01/03	MM / scale 1:1 / size A2
				rvwr	-	-	ecn no -
				appr	Zheng, Pei-Min	2022/01/03	A Division of Amphenol Corporation amphenol-icc.com / rel level Released
surface - ISO 1302	linear	0.X	±0.5	projection	title	eHPCE R/A	dwg no 10147875-03X / rev A
		0.XX	±0.25			2*25SP SPECIAL CONFIGURATION	cat. no. -
		0.XXX	±0.10				
	angular	0°	±3°		product family -	Product - Customer Drw	sheet 2 of 4

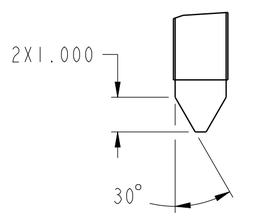
Creo File:APH-PWR-A2C_REV B_2021-05-07

PDS: Rev :A STATUS: Released Printed: Jan 04, 2022





RECOMMENDED MATING BOARD LAYOUT
(DIMENSION TOLERANCE IS ±0.05MM)



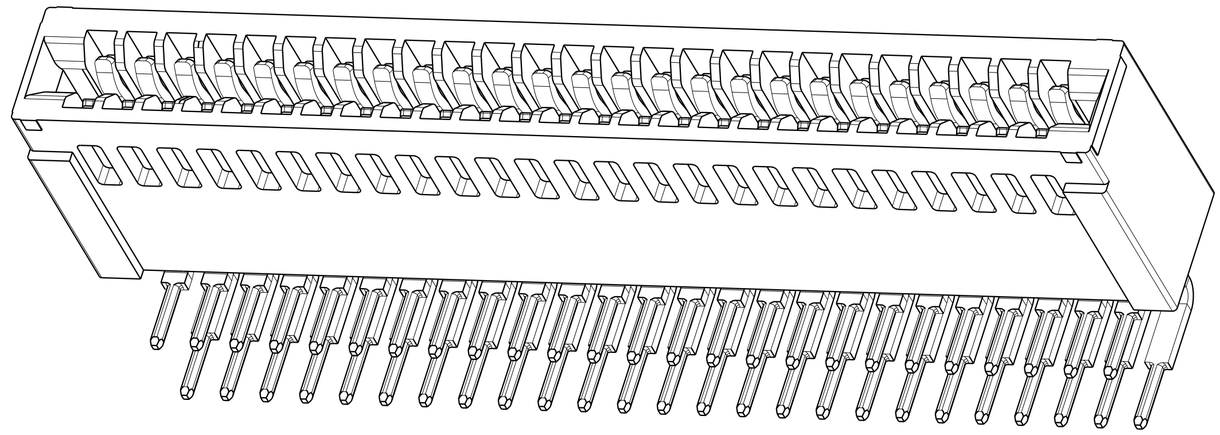
DETAIL B
SCALE 8:1

Amphenol Power Solutions

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spec ref	-			dr	Ada Ye	2020/07/06	Amphenol Power Solutions
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ada Ye	2022/01/03	MM / scale 1:1 / size A2
				rvwr	-	-	ecn no -
				appr	Zheng, Pei-Min	2022/01/03	A Division of Amphenol Corporation amphenol-icc.com / rel level Released
surface - ISO 1302	linear	0.X	±0.5	projection	title: eHPCE R/A 2*25SP SPECIAL CONFIGURATION		dwg no 10147875-03X / rev A
		0.XX	±0.25				cat. no. -
		0.XXX	±0.10				
	angular	0°	±3°		product family -	Product - Customer Drw	sheet 3 of 4

eHPCE RIGHT ANGLE					
PART NUMBER	TAIL TYPE	H1 (MM)	H2 (MM)	DIM"T" TAIL LENGTH (MM)	STATUS
10147875-031LF	SOLDER TAIL (STB)	8.50	4.25	3.50±0.40	TOOLED
10147875-032LF	SOLDER TAIL (STB)	8.70	4.45	3.30±0.40	TOOLED
10147875-033LF	SOLDER TAIL (STB)	9.29	5.04	2.71±0.40	NOT TOOLED
10147875-034LF	SOLDER TAIL (STB)	8.50	4.25	2.60±0.40	NOT TOOLED



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 TEMP THERMOPLASTIC WITH GLASS FIBER, UL94V-0,
-POWER CONTACT : HIGH CONDUCTIVITY COPPER ALLOY.
-SIGNAL CONTACT : COPPER ALLOY

3 PLATING SPECIFICATION:
-POWER CONTACT:
CONTACT AREA: 30u"Au OVER NI
SOLDER TAIL AREA: MATTE SN OVER NI

(4) DENOTES CONNECTOR KEEP OUT ZONE.

(5) ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.

(6) THE HOUSING WILL WITHSTAND EXPOSURE TO 245°C PEAK TEMPERATURE FOR 10 SECONDS
IN A WAVE SOLDER APPLICATION.

7 THIS PRODUCT MEETS EUROPEN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

8 PRODUCT SPECIFICATION : GS-12-1457.
APPLICATION SPECIFICATION : GS-20-0554.
PRODUCT PACKAGE SPECIFICATION: GS-14-2532.

9 THE RECOMMENDED MATIN BOARD GOLD FINGER PLATING IS 30u" MIN Au PLATING.

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spec ref	-	dr	Ada Ye	2020/07/06	Amphenol Power Solutions
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Ada Ye	2022/01/03	A Division of Amphenol Corporation amphenol-icc.com
		rvwr	-	-	
		appr	Zheng, Pei-Min	2022/01/03	

surface - ISO 1302	linear	0.X	±0.5	projection	title	eHPCE R/A 2*25SP SPECIAL CONFIGURATION
		0.XX	±0.25			
		0.XXX	±0.10			
	angular	0°	±3°			

MM	scale 1:1	size A2	dwg no 10147875-03X	rev A	
ecn no -			cat. no. -		
rel level Released					
product family eHPCE	Product - Customer Drw	sheet 4 of 4			

Cres File:APH-PWR-A2C,REV B,2021-05-07

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