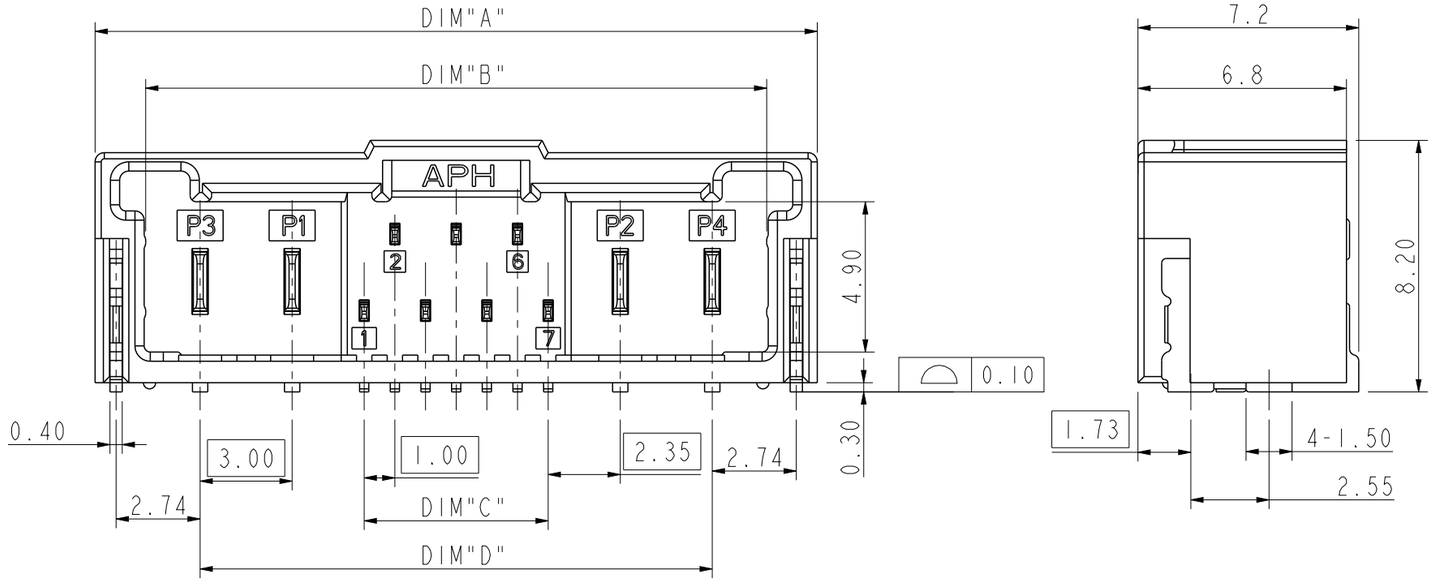
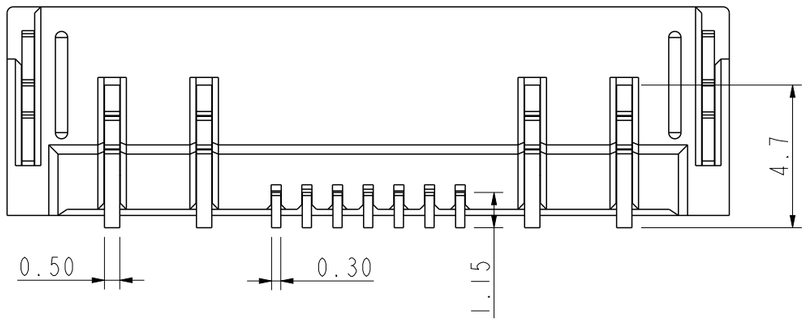
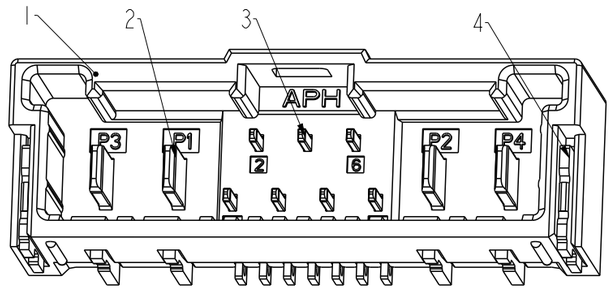






7 Signal+4 Power

P/N	Signal NO.	Power NO.	DIM"A"	DIM"B"	DIM"C"	DIM"D"
-205202XLF	05	02	15.55	12.25	4.00	8.70
-205204XLF	05	04	21.55	18.25	4.00	14.70
-205206XLF	05	06	27.55	24.25	4.00	20.70
-205208XLF	05	08	33.55	30.25	4.00	26.70
-207202XLF	07	02	17.55	14.25	6.00	10.70
-207204XLF	07	04	23.55	20.25	6.00	16.70
-207206XLF	07	06	29.55	26.25	6.00	22.70
-207208XLF	07	08	35.55	31.25	6.00	28.70
-209202XLF	09	02	19.55	16.25	8.00	12.70
-209204XLF	09	04	25.55	21.25	8.00	18.70
-209206XLF	09	06	31.55	27.25	8.00	24.70
-209208XLF	09	08	37.55	33.25	8.00	30.70
-211202XLF	11	02	21.55	18.25	10.00	14.70
-211204XLF	11	04	27.55	24.25	10.00	20.70
-211206XLF	11	06	33.55	30.25	10.00	26.70
-211208XLF	11	08	39.55	36.25	10.00	32.70
-213202XLF	13	02	23.55	20.25	12.00	16.70
-213204XLF	13	04	29.55	26.25	12.00	22.70
-213206XLF	13	06	35.55	32.25	12.00	28.70
-213208XLF	13	08	41.55	38.25	12.00	34.70
-215202XLF	15	02	25.55	22.25	14.00	18.70
-215204XLF	15	04	31.55	28.25	14.00	24.70
-215206XLF	15	06	37.55	34.25	14.00	30.70
-215208XLF	15	08	43.55	40.25	14.00	36.70
-217202XLF	17	02	27.55	24.25	16.00	20.70
-217204XLF	17	04	33.55	30.25	16.00	26.70
-217206XLF	17	06	39.55	36.25	16.00	32.70
-217208XLF	17	08	45.55	42.25	16.00	38.70
-219202XLF	19	02	29.55	26.25	18.00	22.70
-219204XLF	19	04	35.55	32.25	18.00	28.70
-219206XLF	19	06	41.55	38.25	18.00	34.70
-219208XLF	19	08	47.55	44.25	18.00	40.70

NO	Component	Material	Q'ty	Mark
4	Hold Down	Copper Alloy,Matte Tin OverNi Plating	2	
3	Signal_T	Copper Alloy,5U"Min.Au or Tin plating on contact area,Ni under Plated over all.	Refer to Code	
2	Power_T	Copper Alloy,5U"Min.Au or Tin plating on contact area,Ni under Plated over all.	Refer to Code	
1	Housing	HIght TemperatureThermo plastic Natural,UL94V-0	1	

spec ref -

tolerance std ISO 406 ISO 1101

TOLERANCES UNLESS OTHERWISE SPECIFIED

linear	0.X	±0.3
	0.XX	±0.2
	0.XXX	±0.1
angular	0°	±2°

surface - ISO 1302

dr	Arthur Zhao	2021/09/23
eng	Ji-Feng Zhang	2022/05/24
chr	-	-
appr	Tim Yao	2022/05/25

projection | mm | size A3 | scale 1:1

ecn no ELX-N-44773-1

product family -

rel level **Released**

Amphenol FCi

title HEADER_R/A_ ASSEMBLY
COMBOLOCK CONNECTOR

dwg no 10162688C

rev **B**

cat. no. -

Product - Customer Drw

sheet 1 of 4

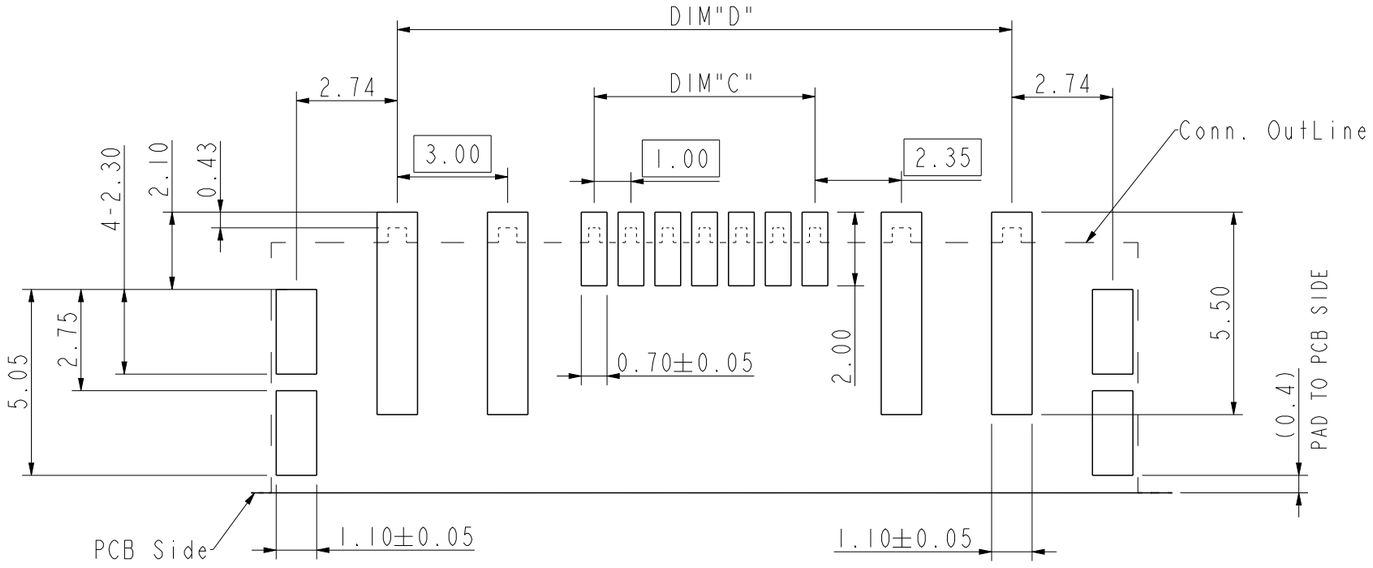
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Creo File:ELX-WC-A3C,REV F,2020-12-21

PDS: Rev :B

STATUS:Released

Printed: May 25, 2022

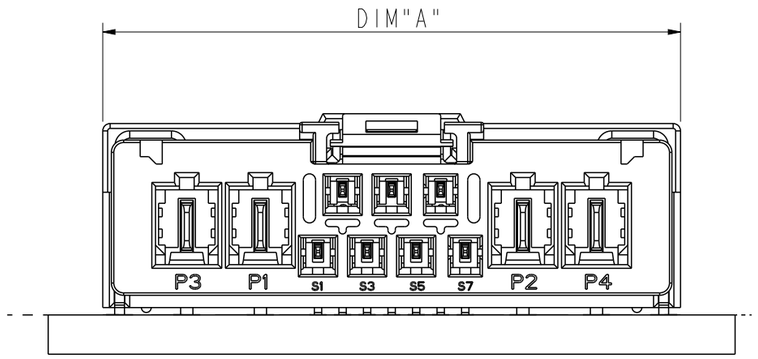


RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE +/-0.10

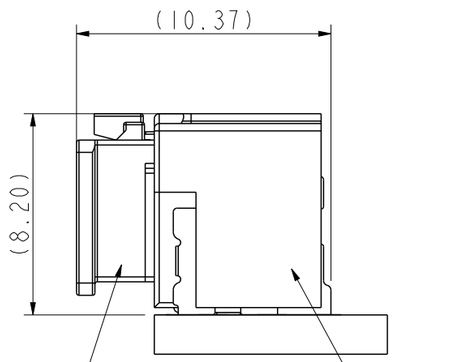
NOTE:
1. ELECTRICAL CHARACHERISTICS:
1.1 CURRENT RATING:10A PER POWER PIN,1.5AMax. PER SIGNAL PIN.(PLEASE REF TO PRODUCT SPEC.)
1.2 CONTACT RESISTANCE: 20mΩ MAX.
1.3 INSULATOR RESISTANCE: 100MΩ MIN.
1.4 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC;
1.5 OPERATION TEMPERATURE: -40 °C ~ +105 °C;
2. MECHANICAL CHARACHERISTICS:
2.1 DURABILITY : 30 CYCLES.
3. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW.
4. LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBLED IN GS-22-008.
5. PRODUCT SPECITICATION: GS-12-1702;
6. PACKAGE SPECITICATION: GS-14-2794;
7. APPLICATION SPEC.:GS-20-0703;
8. MATES WITH:
CABLE HOUSING:10162695-1XXXX0LF;
CRIMPING SIGNAL TERMINAL:10162696-X0XLF;
CRIMPING POWER TERMIANL:10162697-X0XLF;
9. PRODUCT DESCRIPTION CODE :

10162688-X XX X XX X LF

- Plating of Signal: 2:Contact Area: 5U"Au Min. Solder Area: 100U''Min.Matte Tin.
- Signal Pin NO.: XX: 05~19Pin(Uneven)
- Packing: T: Tray; C: Tape & Reel
- Power Pin NO.: XX: 02~08 Pin(Even)
- Plating of Power: 2:Contact Area: 5U"Au Min. Solder Area: Gold flash.



MATING VIEW



spec ref	-			dr	Arthur Zhao	2021/09/23	projection	mm
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ji-Feng Zhang	2022/05/24		
				chr	-	-		
				appr	Tim Yao	2022/05/25	product family	-
surface - ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	HEADER_R/A_ ASSEMBLY COMBOLOCK CONNECTOR	dwg no	10162688C
		0.XX	±0.2					
		0.XXX	±0.1					
	angular	0°	±2°		cat. no.	-	Product - Customer Drw	

size	scale	rev
A3	1:1	B

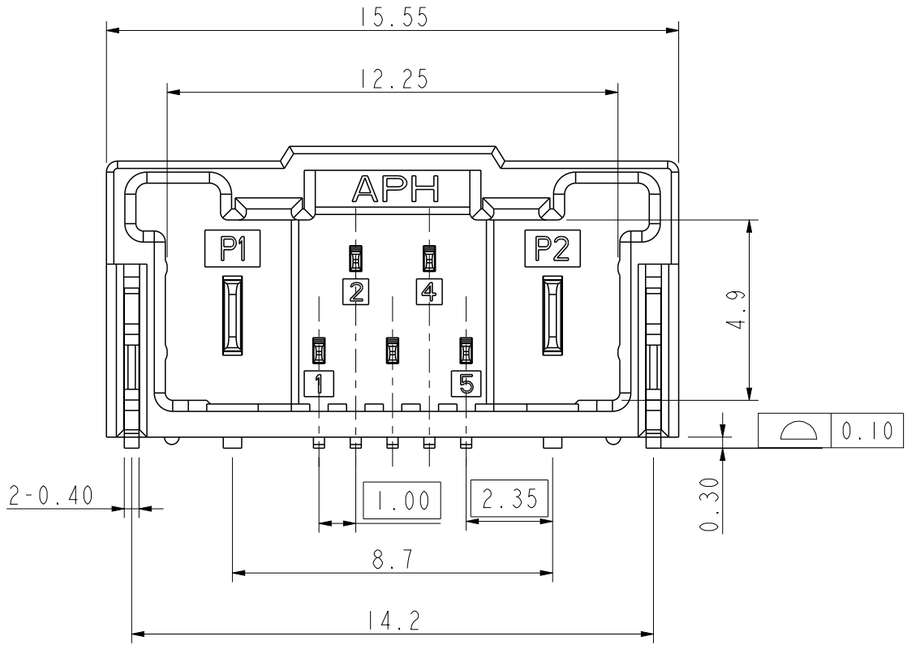
ecn no ELX-N-44773-1
rel level **Released**
sheet 2 of 4

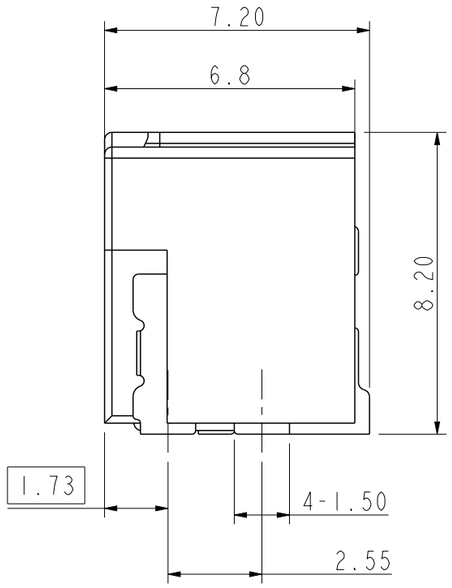
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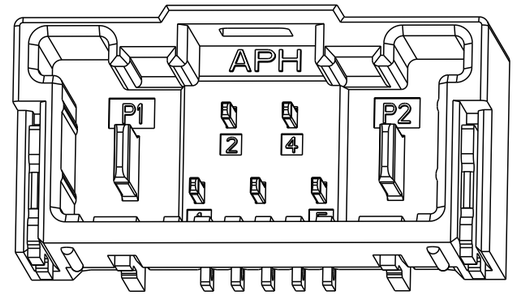
Creo File:ELX-WC-A3C,REV F,2020-12-21

PDS: Rev :B STATUS:Released Printed: May 25, 2022

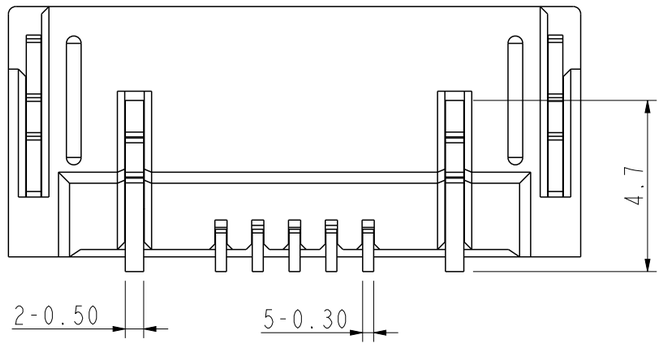
PART NUMBER
10162688-205202XLF

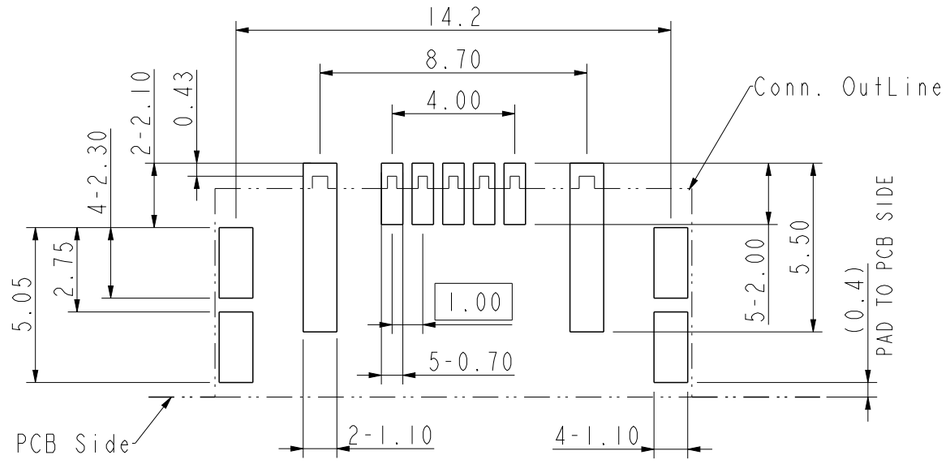






5 Signal+2 Power





RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE +/-0.10

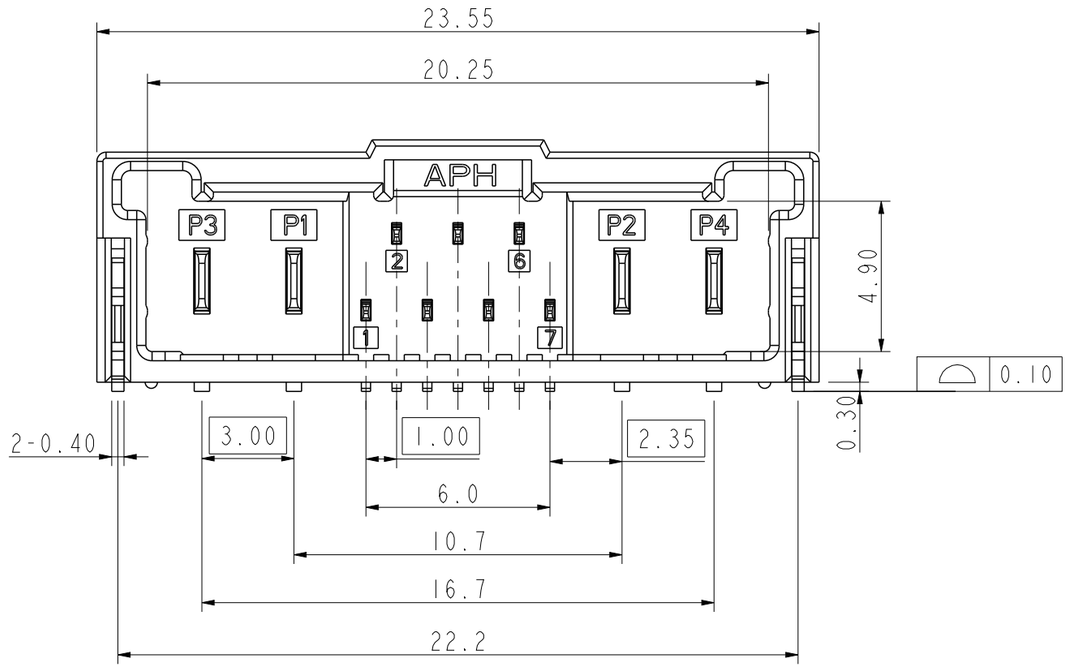
spec ref	-			dr	Arthur Zhao	2021/09/23	projection	mm	size A3 / scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ji-Feng Zhang	2022/05/24			ecn no ELX-N-44773-1
				chr	-	-			
				appr	Tim Yao	2022/05/25	product family -		rel level Released
surface - ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	HEADER_R/A_ ASSEMBLY		dwg no 10162688C	rev B
		0.XX	±0.2			COMBOLOCK CONNECTOR			
		0.XXX	±0.1		cat. no. -		Product - Customer Drw		sheet 3 of 4
	angular	0°	±2°						

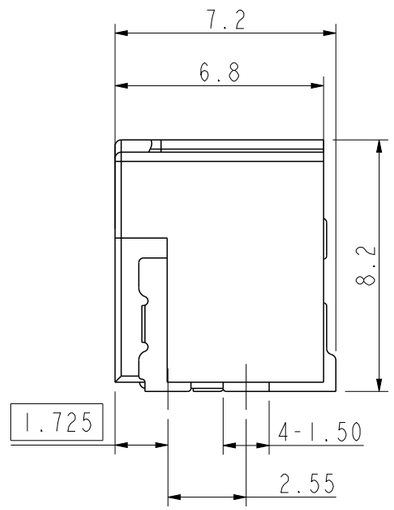
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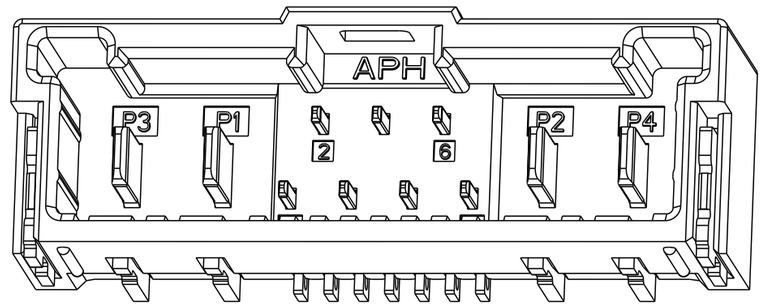
Creo File:ELX-WC-A3C,REV F,2020-12-21

PDS: Rev :B STATUS:Released Printed: May 25, 2022

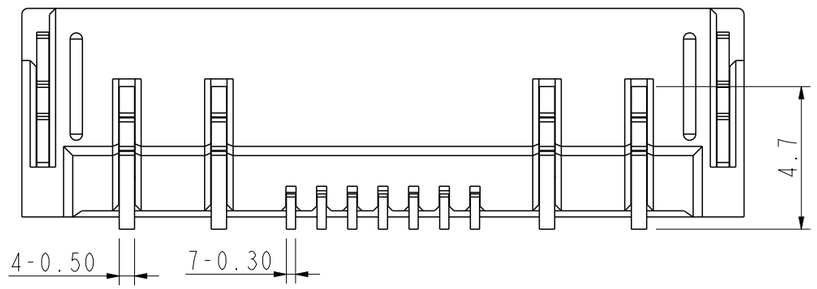
PART NUMBER
10162688-207204XLF

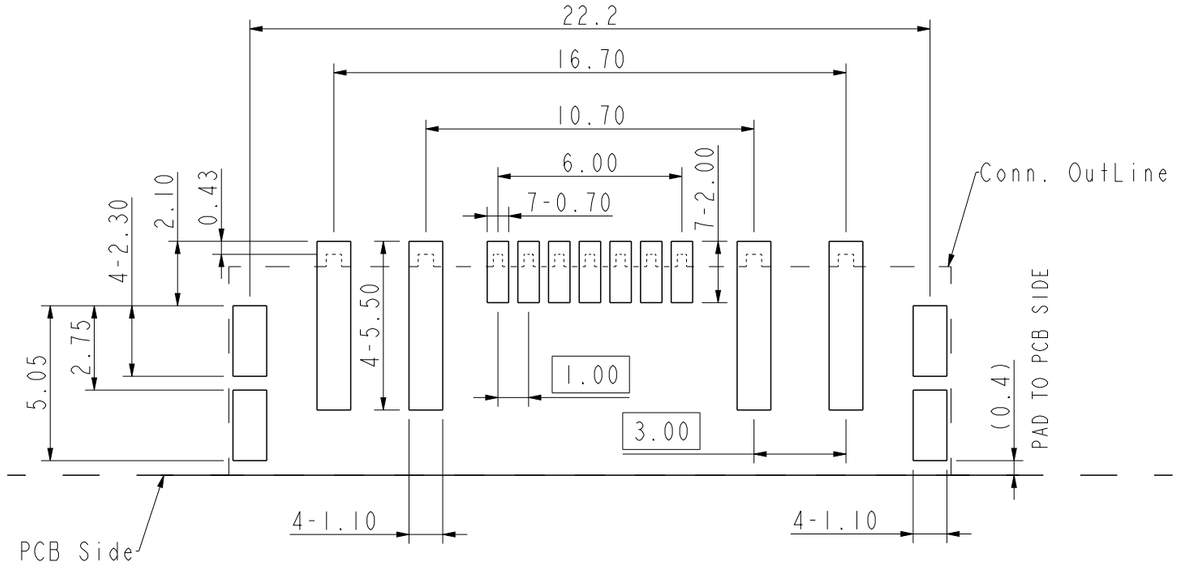






7 Signal+4 Power





RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE +/-0.10

spec ref	-			dr	Arthur Zhao	2021/09/23	projection	mm	size A3 / scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Ji-Feng Zhang	2022/05/24			ecn no ELX-N-44773-1
				chr	-	-			
				appr	Tim Yao	2022/05/25	product family -		rel level Released
surface - ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	HEADER_R/A_ ASSEMBLY		dwg no 10162688C	rev B
		0.XX	±0.2			COMBOLOCK CONNECTOR			
		0.XXX	±0.1		cat. no. -		Product - Customer Drw		sheet 4 of 4
	angular	0°	±2°						

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Creo File:ELX-WC-A3C,REV F,2020-12-21

PDS: Rev :B STATUS:Released Printed: May 25, 2022