PART NUMBER SCHEME:

10196988-XXX X X X X X F

XXX	POSITION
006	2X3
020	2X10
080	2x40

X	FOR RECEPTACLE, SEE DWG. NO. 10196989			
COMBINATION OF MATED HEIGHT	HEADER 1 HEIGHT: 1.3	HEADER 2 HEIGHT: 2.3	HEADER 3 HEIGHT: 3.3	HEADER 4 HEIGHT: 4.3
RECEPTACLE 1 HEIGHT: 3.7	5	6	7	8
RECEPTACLE 2 HEIGHT: 7.7	9	10	11	12
RECEPTACLE 3 HEIGHT: 11.7	13	14	15	16
RECEPTACLE 4 HEIGHT: 15.7	17	18	19	20

X	CONTACT AREA PLATING
8	GOLD 0.05µm MIN

X	SOLDER TAIL PLATING:
0	NATTE TIN 2.54µm MIN

X	POLARIZATION PEG/ DATE CODE
L	WITH PEG/ WITHOUT DATE CODE

X	PACKAGING
2	T&R WITH PICK UP FEATURE

PICK UP FEATURE	DESCRIPTION
MYLAR	POSITION LESS THAN 40 POS
METAL CAP	POSITION MORE THAN 40 POS

NOTES:
1. MATERIAL:
   1.1 HOUSING: THERMOPLASTIC, NATURAL, UL94V-0, MSL LEVEL 1.
   1.2 TERMINAL: COPPER ALLOY.
   1.3 HOLD DOWN: COPPER ALLOY.
2. PLATING:
   2.1 CONTACT AREA: ACCORDING TO PART NUMBER;
   2.2 SOLDER TAIL: MATTE TIN;
   2.3 HOLD DOWN: MATTE TIN.
3. PRODUCT SPEC GS-12-2242.
4. APPLICATION SPEC GS-20-1072.
5. THIS HOUSIONG WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A IR REFLOW SOLDERING APPLICATION.
6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

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spec ref			dr	Alan Ni	2026/03/25	projection	mm
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Alan Ni	2026/07/03		
			chr	-	-		
			appr	Tim Yao	2026/07/08	product family	
surface	linear	0.X ±0.5					
		0.XX ±0.25					
		0.XXX ±0.10					
	angular	0° ±2°					

Amphenol FCi	title: HEADER BergStak 0.8mm BMI	dwg no: 10196988	rev: B	
amphenol-icc.com	cat. no.	Product - Customer Drw	sheet 1 of 3	

size A3 | scale 1:1 | ecn no ELX-N-295897-1 | rel level Released

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

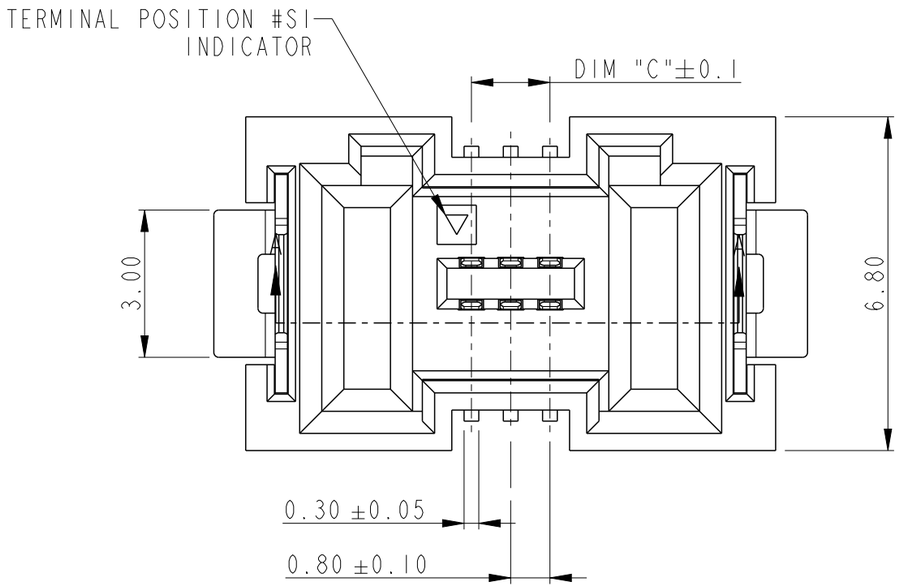
PDS: Rev :B | STATUS:Released | Printed: Jul 08, 2026

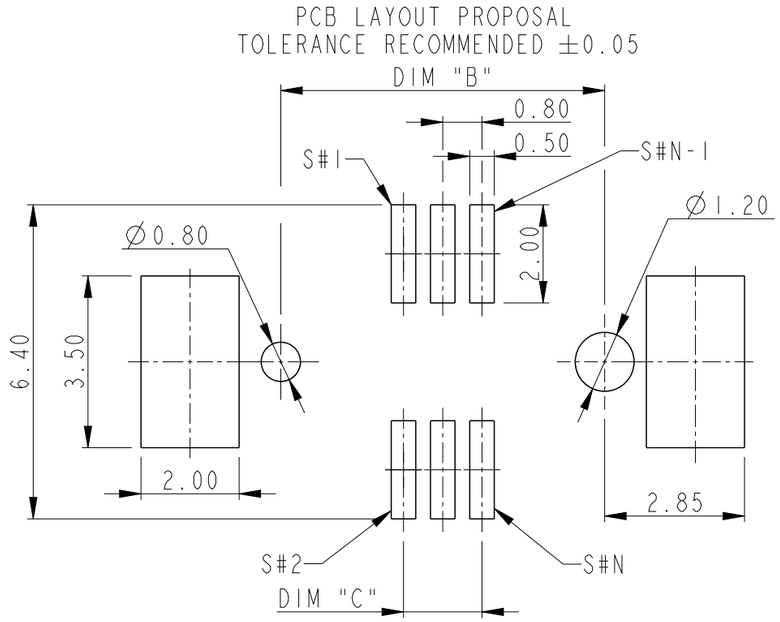
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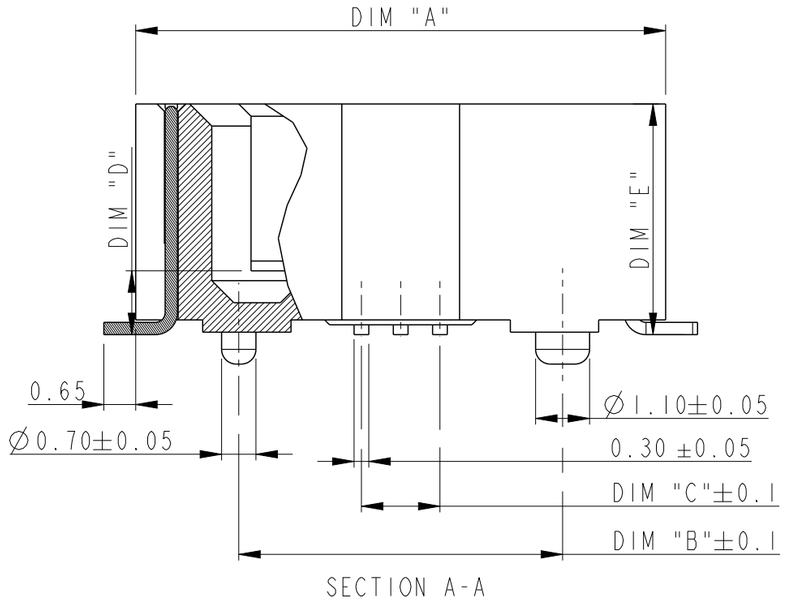
HEADER 1/2/3/4

Dimension	Computational Formula
DIM "A"	(POSITION / 2 - 1) X 0.8 + 9.2
DIM "B"	(POSITION / 2 - 1) X 0.8 + 5
DIM "C"	(POSITION / 2 - 1) X 0.8

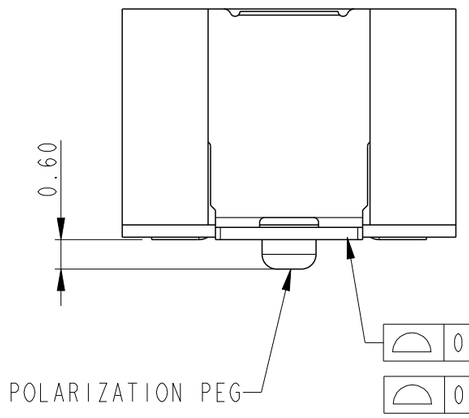
PRODUCT	DIM "D"	DIM "E"
HEADER 1	1.3	4.7
HEADER 2	2.3	5.7
HEADER 3	3.3	6.7
HEADER 4	4.3	7.7

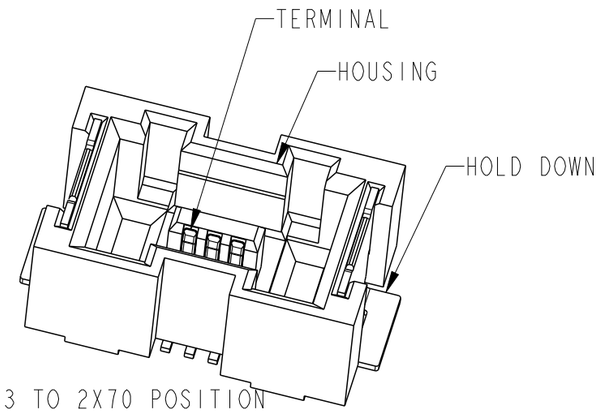






SECTION A-A





0.10	APPLY TO 2X3 TO 2X70 POSITION	
0.13	APPLY TO 2X80 TO 2X100 POSITION	

ALL SOLDER SURFACES

spec ref				dr	Alan Ni	2026/03/25	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Alan Ni	2026/07/03	mm
				chr	-	-	size A3 / scale 1:1
				appr	Tim Yao	2026/07/08	ecn no ELX-N-295897-1
surface	linear	0.X	±0.5	product family			rel level Released
		0.XX	±0.25	Amphenol FCi	title HEADER BergStak 0.8mm BMI		dwg no 10196988 / rev B
		0.XXX	±0.10				
	angular	0°	±°	amphenol-icc.com	cat. no.	Product - Customer Drw	sheet 2 of 3

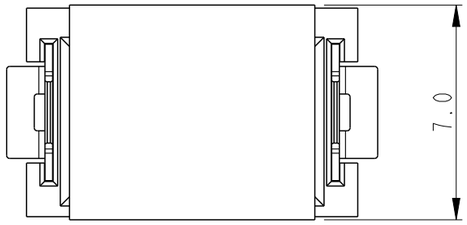
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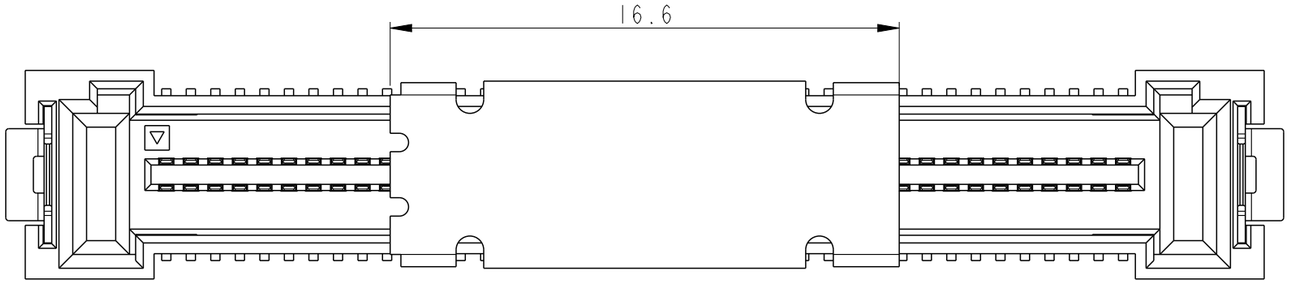
Creo File:ELX-WC-A3C,REV F,2020-12-21

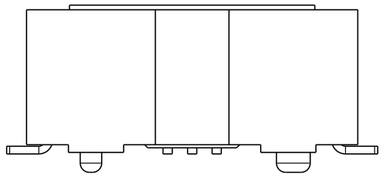
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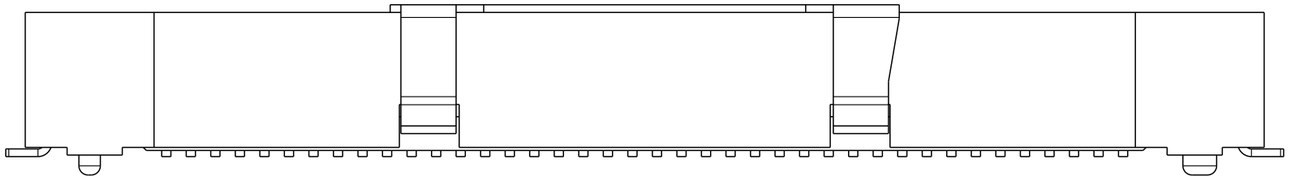
PDS: Rev :B STATUS:Released Printed: Jul 08, 2026

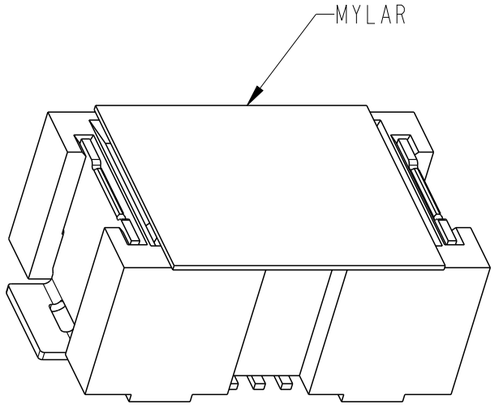
PICK UP FEATURE	DESCRIPTION
MYLAR	POSITION LESS THAN 40 POS
METAL CAP	POSITION MORE THAN 40 POS

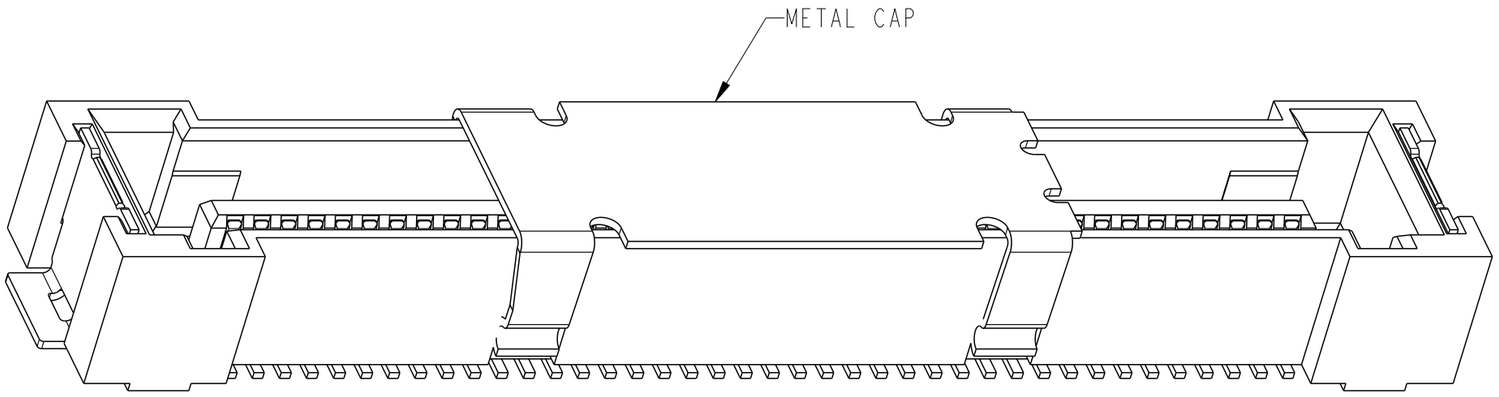












SCALE 6:1

spec ref				dr	Alan Ni	2026/03/25	projection	mm
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Alan Ni	2026/07/03		
				chr	-	-		
				appr	Tim Yao	2026/07/08	product family	
surface	linear	0.X	±0.5	Amphenol FCi	title	HEADER	dwg no	10196988
		0.XX	±0.25			BergStak 0.8mm BMI		
		0.XXX	±0.10					
	angular	0°	±°	amphenol-icc.com	cat. no.		Product - Customer Drw	

size	scale	rev
A3	1:1	B

ecn no ELX-N-295897-1

rel level **Released**

sheet 3 of 3

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

PDS: Rev :B

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