PART NUMBER SCHEME

10196955 - XX X X X X LF

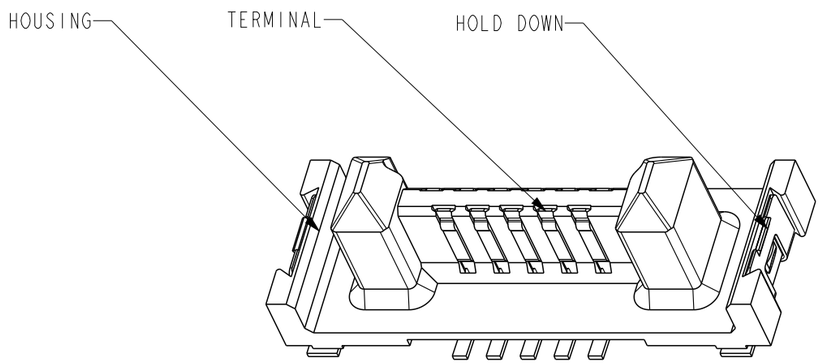
XX	NUMBER OF POSITIONS
07	07
11	11

X	HEADER HEIGHT	MATING HEIGHT
1	0.86	5.00

X	PLATING: CONTACT AREA
1	GOLD 0.38µm MIN
2	GOLD 0.76µm MIN
3	GXT 0.38µm MIN
4	GXT 0.76µm MIN

X	PEG
1	WITH PEG

X	PACKAGING
0	T&R WITH CAP



NOTES:
1. MATERIAL:
   1.1 HOUSING: THERMOPLASTIC,NATURAL,UL94V-0,MSL LEVEL 1.
   1.2 TERMINALS: COPPER ALLOY
   1.3 HOLD DOWN: COPPER ALLOY
2. PLATING:
   2.1 UNDER PLATING: 1.27µm MIN NICKEL
   2.2 SOLDER TAIL: 2.54µm MIN TIN
   2.3 CONTACT AREA: SEE TABLE
   2.4 HOLD DOWN: TIN PLATING
3. REFERENCE GS-12-006 FOR PRODUCT PERFORMANCE DATA.
4. THE TOE HEIGHT OF THE SOLDER TAIL SHALL BE MEASURED FROM THE LOWEST POINT OF THE 0.1MM CO-PLANARITY GRAVITY PLANE.THIS MEASUREMENT IS NOT TO EXCEED A WINDOW OF 0 TO 0.18MM.
5. RECOMMENDED SOLDER PASTE THICKNESS IS .15 TO .20 MM THICK.
6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION,INFRO-RED OR VAPOR PHASE REFLOW OVEN.
7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

spec ref				dr	Alan Ni	2026/03/17	projection	MM
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Alan Ni	2026/03/17		
				chr	Li-Qing Lei	2026/03/26		
				appr	Tim Yao	2026/03/26	product family	
surface ISO 1302	linear	0.X	±0.30	Amphenol FCi	title	CONAN 1.0MM BMI CONNECTOR HEADER ASS'Y	dwg no	10196955
		0.XX	±0.20					
		0.XXX	±0.10					
	angular	0°	±2°		cat. no.		Product - Customer Drw	

size	scale	rev
A3	1:1	A

ecn no ELX-N-282501-1

rel level: Released

sheet 1 of 3

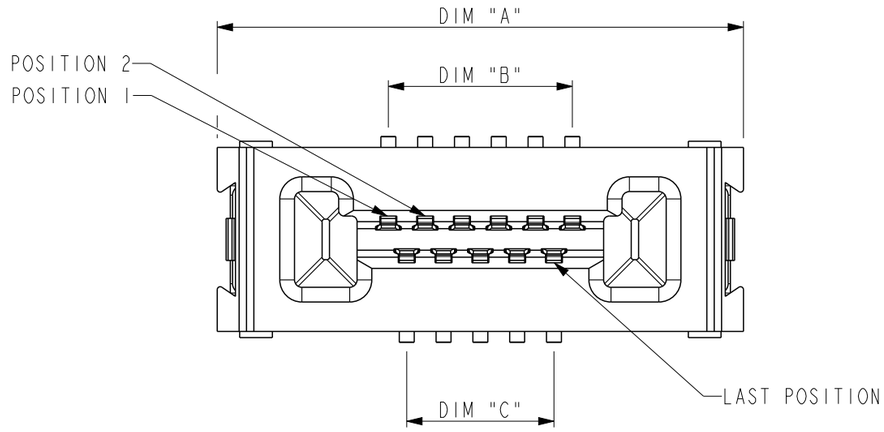
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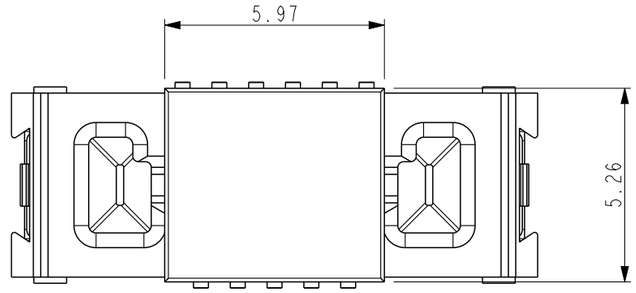
Creo File:ELX-WC-A3C,REV F,2020-12-21

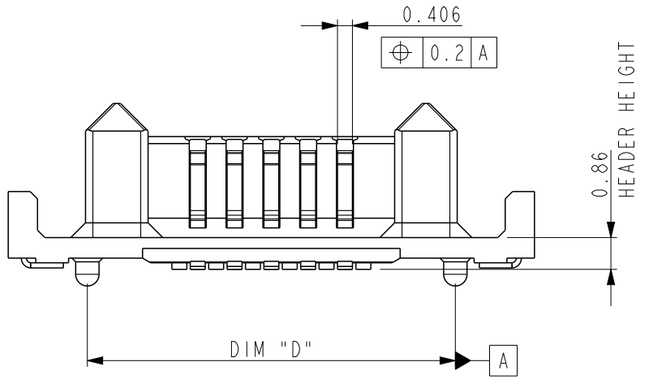
PDS: Rev :A STATUS:Released Printed: Mar 26, 2026

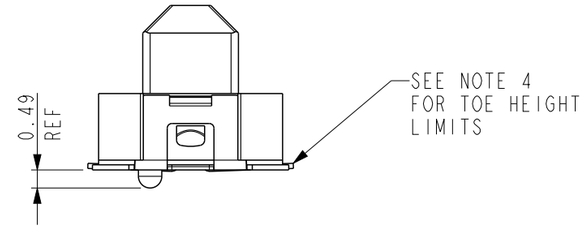
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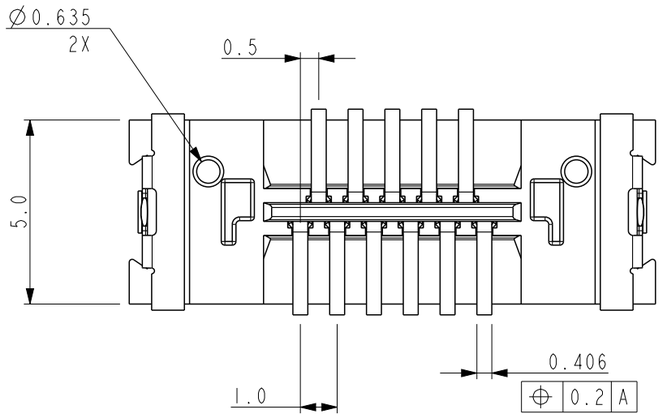
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11	14.3	5.0	4.0	10.0	4.47

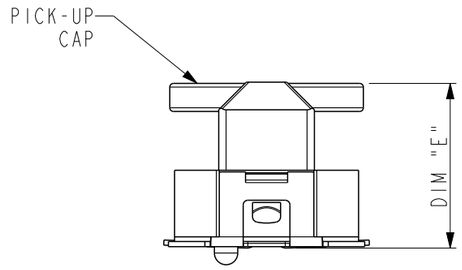












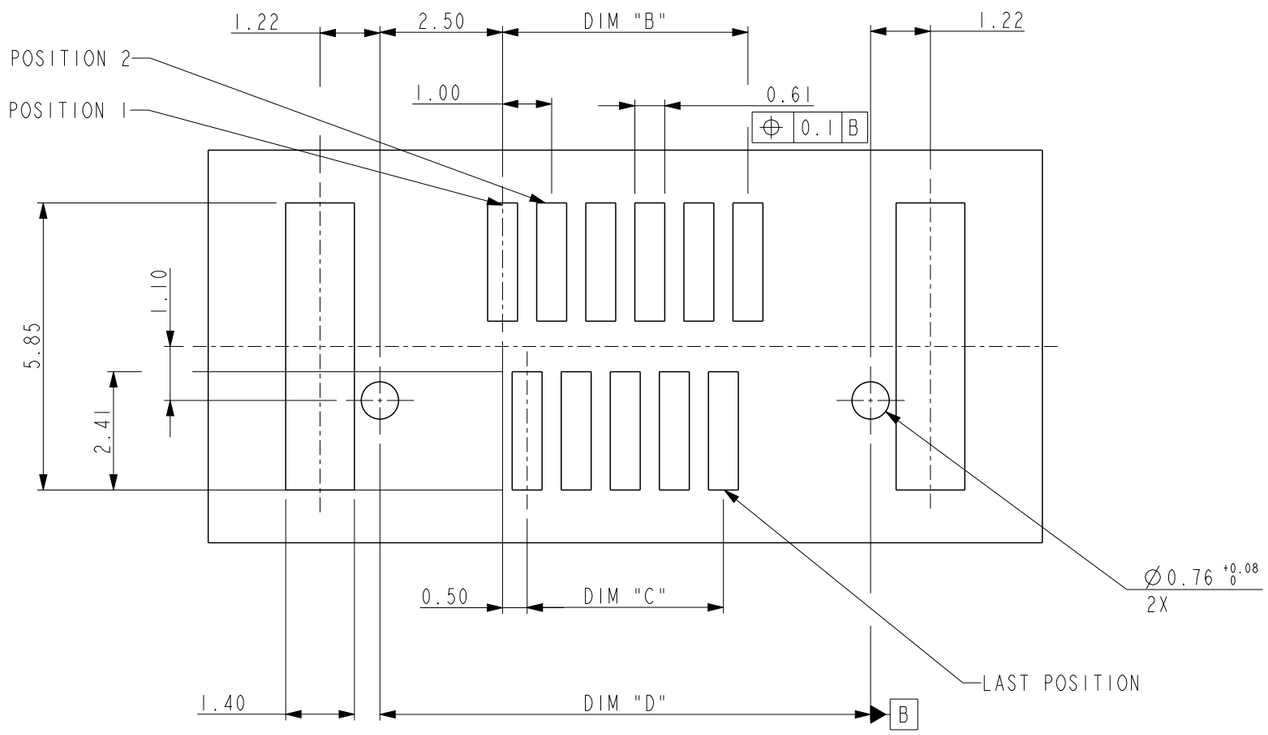
spec ref				dr	Alan Ni	2026/03/17	projection: MM; size: A3; scale: 1:1
tolerance std: ISO 406, ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Alan Ni	2026/03/17	
				chr	Li-Qing Lei	2026/03/26	ecn no: ELX-N-282501-1
				appr	Tim Yao	2026/03/26	product family; rel level: Released
surface: ISO 1302	linear	0.X	±0.30	Amphenol FCi	title: CONAN 1.0MM BMI CONNECTOR HEADER ASS'Y		dwg no: 10196955; rev: A
		0.XX	±0.20				
		0.XXX	±0.10		cat. no.	Product - Customer Drw	sheet 2 of 3
	angular	0°	±2°				

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PDS: Rev :A STATUS:Released Printed: Mar 26, 2026

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PCB LAYOUT PROPOSAL
TOLERANCE RECOMMENDED ±0.05

spec ref				dr	Alan Ni	2026/03/17	projection	MM
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Alan Ni	2026/03/17		
				chr	Li-Qing Lei	2026/03/26		
				appr	Tim Yao	2026/03/26	product family	
surface ISO 1302	linear	0.X	±0.30	Amphenol FCi	title	CONAN 1.0MM BMI CONNECTOR HEADER ASS'Y	dwg no	10196955
		0.XX	±0.20					
		0.XXX	±0.10					
	angular	0°	±2°		cat. no.		Product - Customer Drw	

size A3	scale 1:1	rev A		
ecn no ELX-N-282501-1				
rel level: Released				
sheet 3 of 3				

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PDS: Rev :A

STATUS:Released

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