

PART NUMBER SCHEME

10196955 - XX X X X X LF

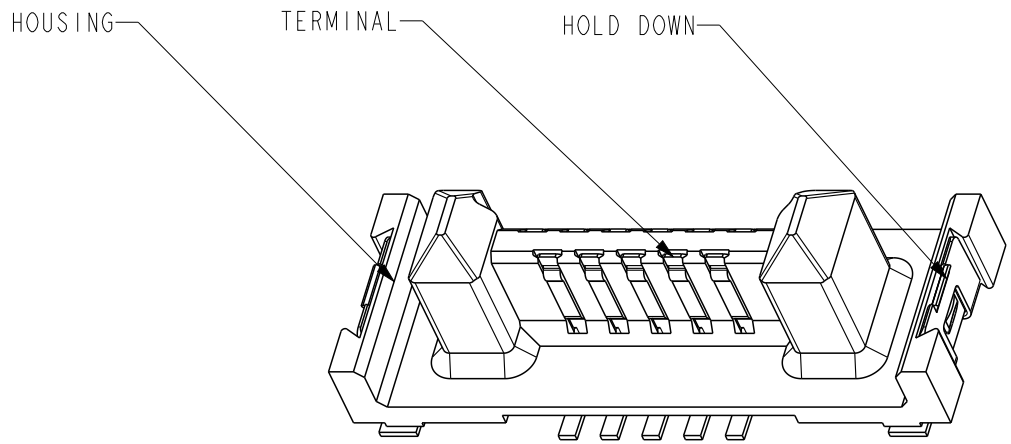
XX	NUMBER OF POSITIONS
07	07
11	11

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

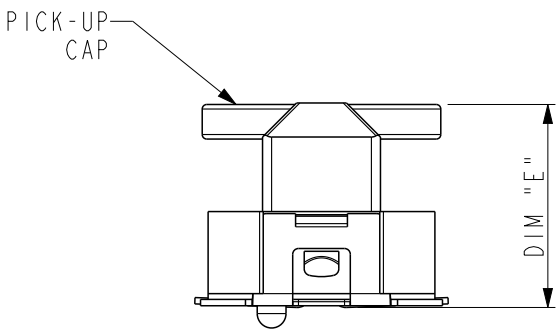
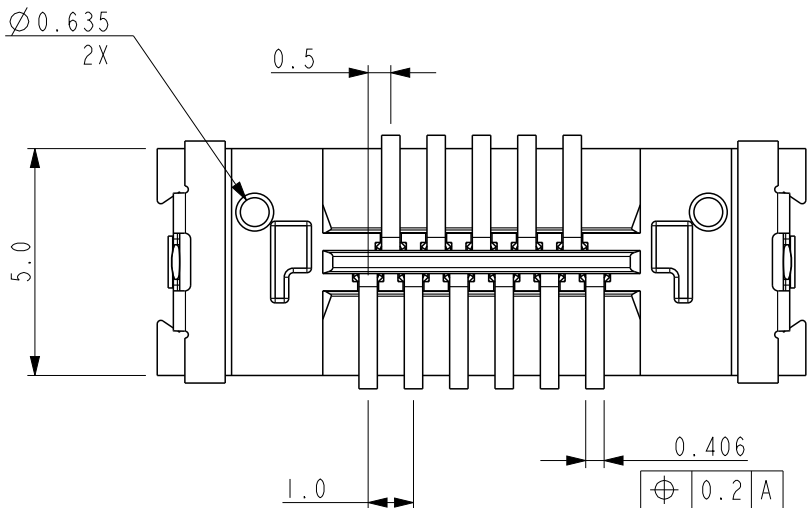
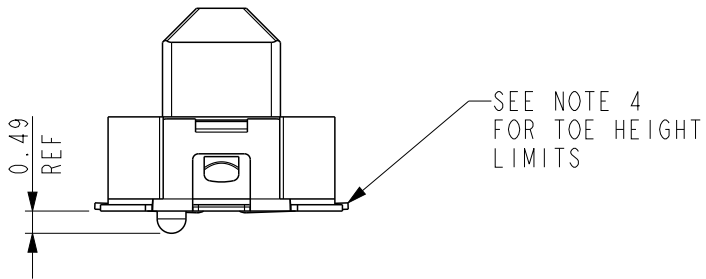
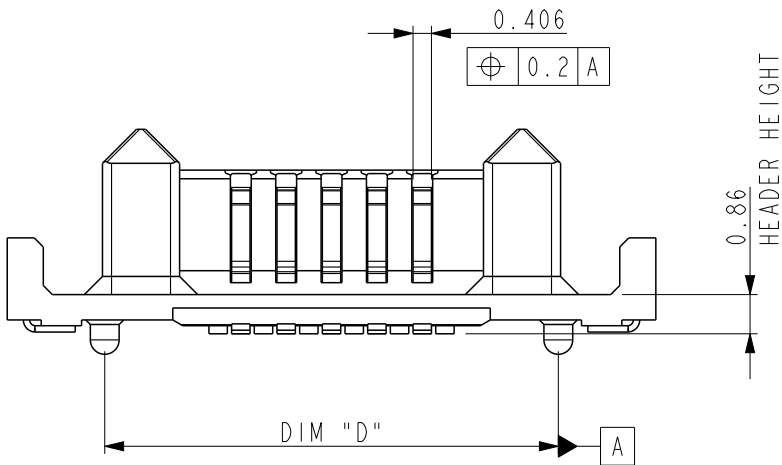
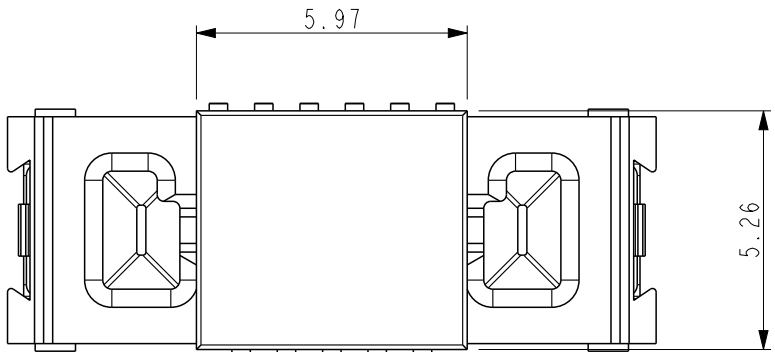
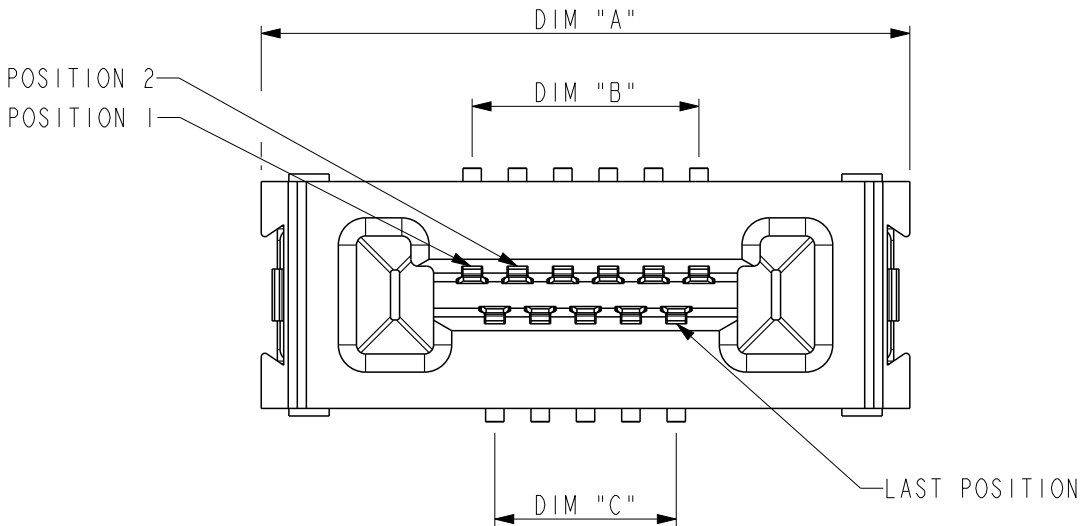
X	PACKAGING
0	T&R WITH CAP



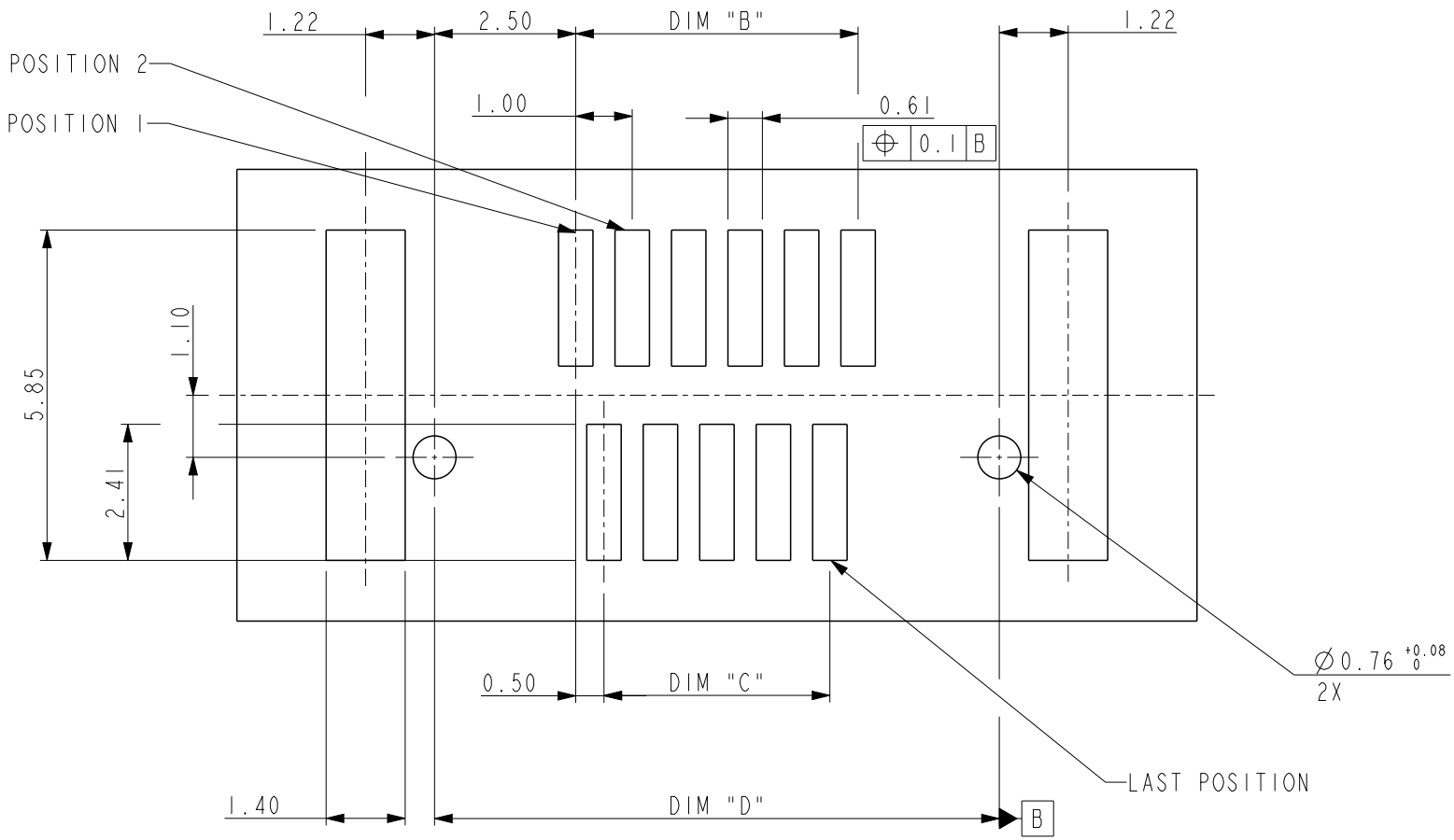
- NOTES:
- MATERIAL:
 - HOUSING: THERMOPLASTIC, NATURAL, UL94V-0, MSL LEVEL 1.
 - TERMINALS: COPPER ALLOY
 - HOLD DOWN: COPPER ALLOY
 - PLATING:
 - UNDER PLATING: 1.27μm MIN NICKEL
 - SOLDER TAIL: 2.54μm MIN TIN
 - CONTACT AREA: SEE TABLE
 - HOLD DOWN: TIN PLATING
 - REFERENCE GS-12-006 FOR PRODUCT PERFORMANCE DATA.
 - 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.
 - RECOMMENDED SOLDER PASTE THICKNESS IS .15 TO .20 MM THICK.
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRO-RED OR VAPOR PHASE REFLOW OVEN.
 - 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		size		A3		scale		1:1													
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED						eng						Alan Ni		2026/03/17		ecn no				ELX-N-282501-1											
ISO 406								chr						Li-Qing Lei		2026/03/26						product family				rel level				Released			
ISO 1101		appr		Tim Yao		2026/03/26																											
surface ISO 1302		linear		0.X		±0.30		Amphenol FCi		title		CONAN 1.0MM BMI CONNECTOR								dwg no		10196955								rev		A	
				0.XX		±0.20																											
				0.XXX		±0.10																											
		angular		0°		±2°				cat. no.		Product - Customer Drw								sheet 1 of 3													

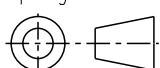
POSITION	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"
07	12.3	3.0	2.0	8.0	5.1
11	14.3	5.0	4.0	10.0	4.47



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



PCB LAYOUT PROPOSAL
TOLERANCE RECOMMENDED ±0.05

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