

PART NUMBER SCHEME

10196954 - XX X X X X LF

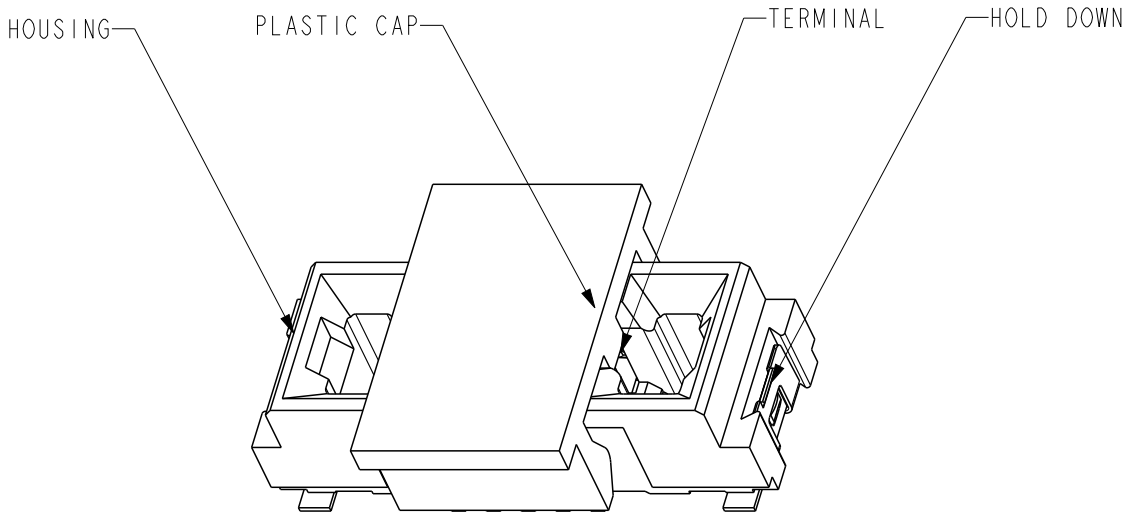
XX	NUMBER OF POSITIONS
07	07
11	11

X	RECEPTACLE HEIGHT	MATING HEIGHT
1	4.14	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

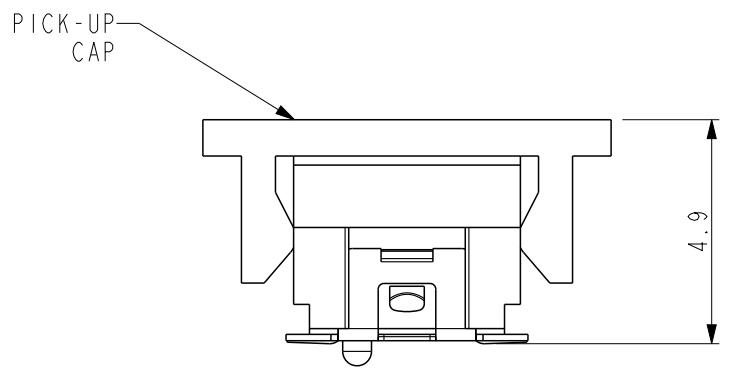
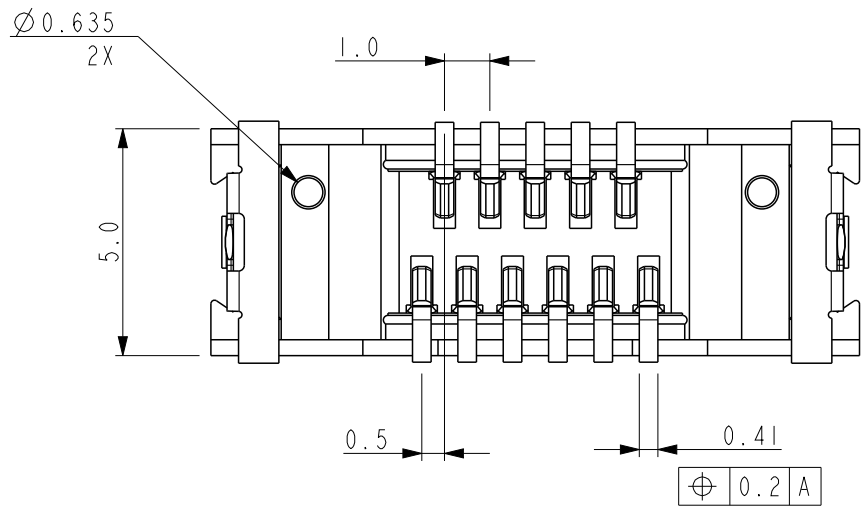
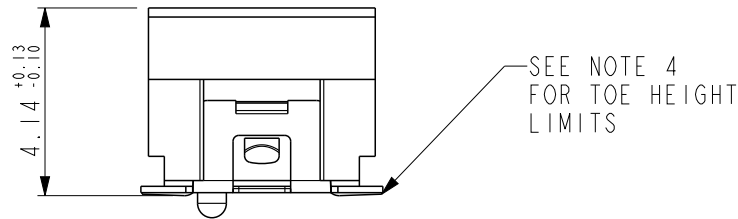
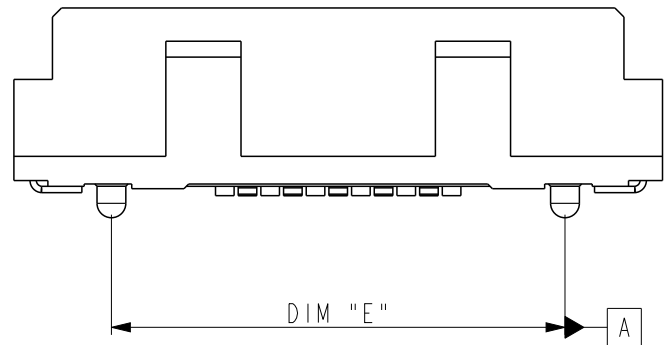
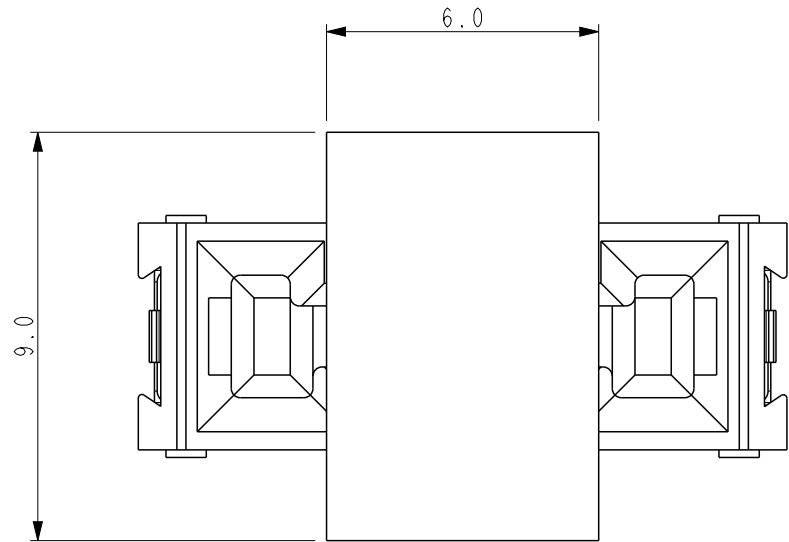
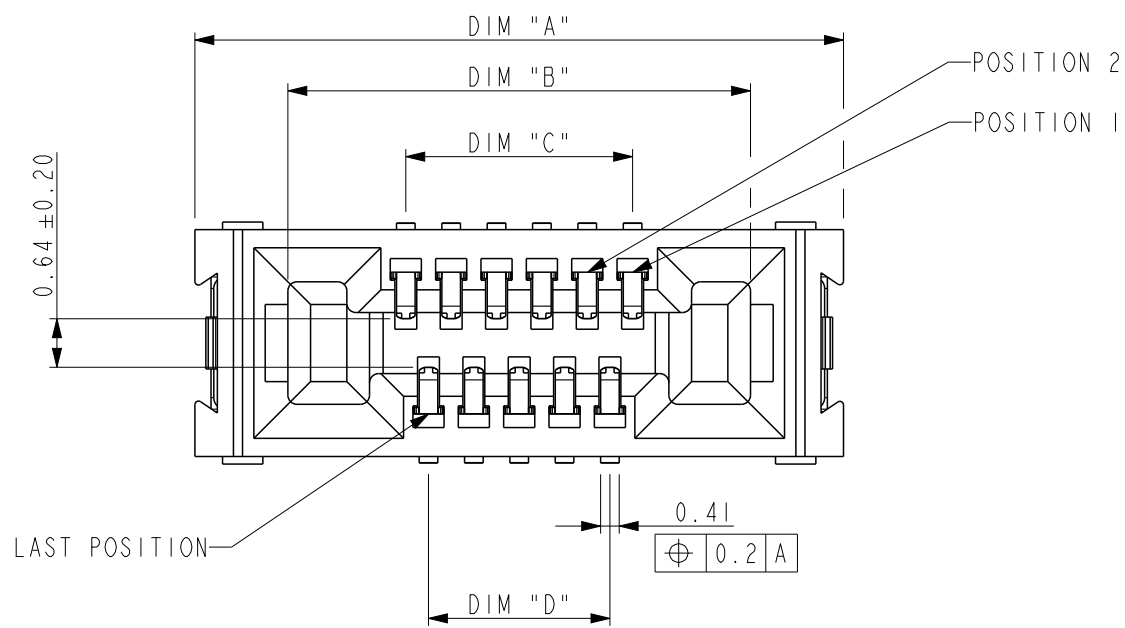
X	PACKAGING
0	T&R WITH CAP



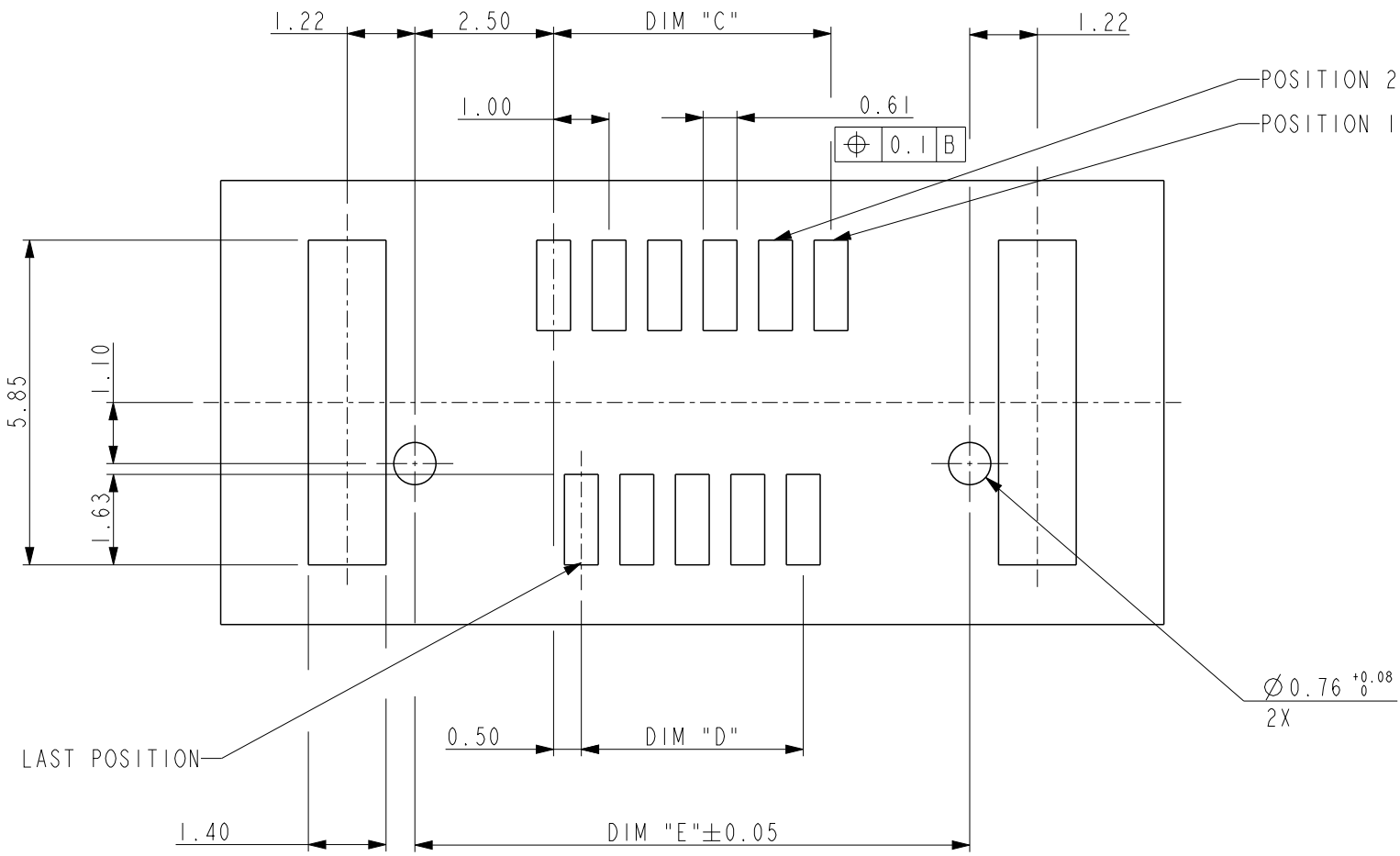
- NOTES:
- MATERIAL:
 - HOUSING: THERMOPLASTIC, NATURAL, UL94V-0, MSL LEVEL 1.
 - TERMINALS: COPPER ALLOY
 - HOLD DOWN: COPPER ALLOY
 - PLATING:
 - UNDER PLATING: 1.27µm MIN NICKEL
 - SOLDER TAIL: 2.54µm MIN TIN
 - CONTACT AREA: SEE TABLE
 - TIN PLATING
 - REFERENCE GS-12-006 FOR PRODUCT PERFORMANCE 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, INFRARED 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			size	A3	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Alan Ni	2026/03/17			ecn no	ELX-N-282492-1			
				chr		Li-Qing Lei	2026/03/26							
				appr		Tim Yao	2026/03/26				product family			-
surface		linear	0.X	±0.30		title	CONAN 1.0MM BMI CONNECTOR RECEPTACLE ASS'Y			dwg no	10196954		rev	A
			0.XX	±0.20										
			0.XXX	±0.10										
		angular	0°	±2°										

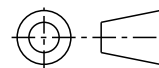
POSITION	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"
07	12.3	8.2	3.0	2.0	8.0
11	14.3	10.2	5.0	4.0	10.0



spec ref				dr		Alan Ni	2026/03/17			size	A3	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Alan Ni	2026/03/17			ecn no	ELX-N-282492-1			
				chr		Li-Qing Lei	2026/03/26							
				appr		Tim Yao	2026/03/26				product family			-
surface		linear	0.X	±0.30	Amphenol FCi	title	CONAN 1.0MM BMI CONNECTOR RECEPTACLE ASS'Y			dwg no	10196954		rev	A
			0.XX	±0.20										
			0.XXX	±0.10										
		angular	0°	±2°										



PCB LAYOUT PROPOSAL
TOLERANCE RECOMMEND ±0.05

spec ref				dr		Alan Ni	2026/03/17			size	A3	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Alan Ni	2026/03/17			ecn no				ELX-N-282492-1
				chr		Li-Qing Lei	2026/03/26			rel level				Released
				appr		Tim Yao	2026/03/26							
product family								-						
surface		linear	0.X	±0.30		title	CONAN 1.0MM BMI CONNECTOR RECEPTACLE ASS'Y			dwg no	10196954		rev	A
			0.XX	±0.20										
			0.XXX	±0.10										
		angular	0°	±2°										
	cat. no.						-	Product - Customer Drw				sheet 3 of 3		