

PRODUCT DESCRIPTION CODE :
10177773-XYXXK LF

CODING TYPE :

A = CODING A
BLACK COLOR

B = CODING B
GREEN COLOR

C = CODING C
GREY COLOR

D = CODING D
PURPLE COLOR

RoHS COMPATIBLE

FOR CUSTOMER CODE :
BLANK = GENERAL USE

PACKAGING: TAPE & REEL

PIN CONFIGURATION,
SEE END TABLE

PLATING :

- 1 = 3µm MIN MATTE TIN (PREPLATED)
- 2 = 3µm MIN MATTE TIN (POST-PLATED)
- 3 = 0.76µm MIN GOLD (CONTACT AREA)
- ALL OVER 1.27µm MIN NICKEL UNDERLAYER

NOTES:

- 1 - MATERIAL:
HOUSING : HIGH TEMPERATURE THERMOPLASTIC UL94 V-0

PIN : HIGH CURRENT COPPER ALLOY

- 2 - TO BE MATED WITH MicroSpaceXS RECEPTACLE SERIES 10155546

- 3 - PRODUCT SPECIFICATION : GS-12-2109
APPLICATION SPECIFICATION: GS-20-0965
PACKAGING SPECIFICATION : GS-14-2777

- 4 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

"LF" MEANS THE PRODUCT IS LEAD FREE,
3µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM
NICKEL UNDERPLATE.

b - MANUFACTURING PROCESS COMPATIBILITY:

THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK
TEMPERATURE FOR 30 SECONDS MAX IN A CONVECTION,
INFRA-RED OR VAPOR PHASE OR REFLOW OVEN.

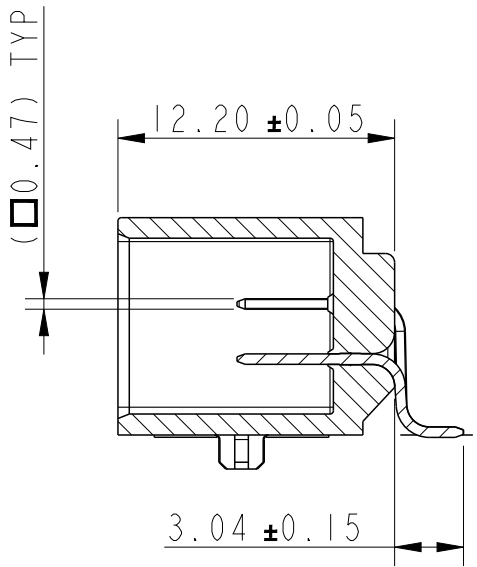
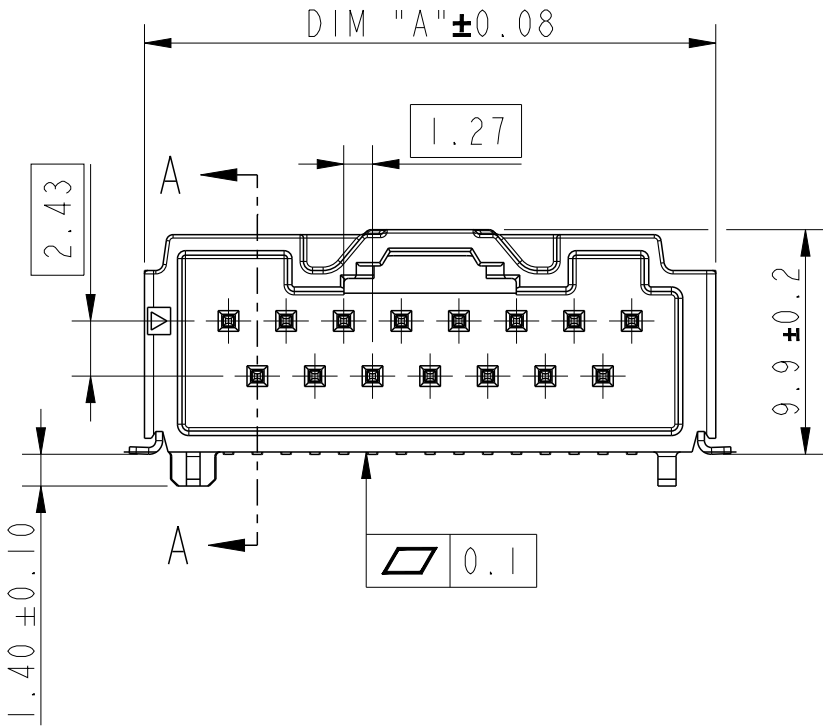
c - LABELLING :

MEETS PACKAGING SPECS AS PER GS-14-920

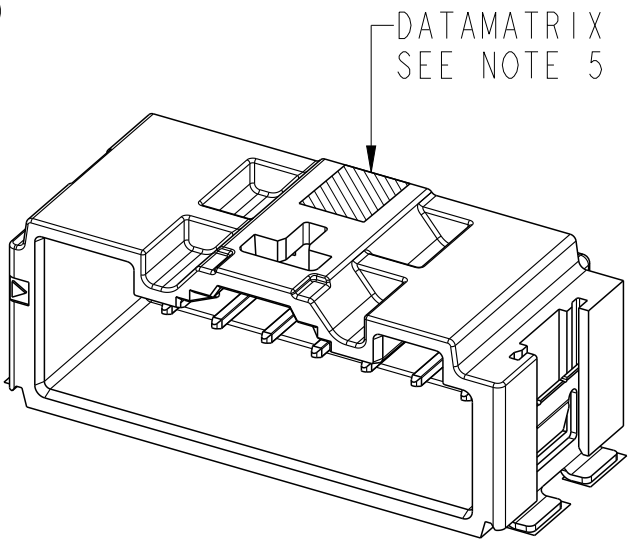
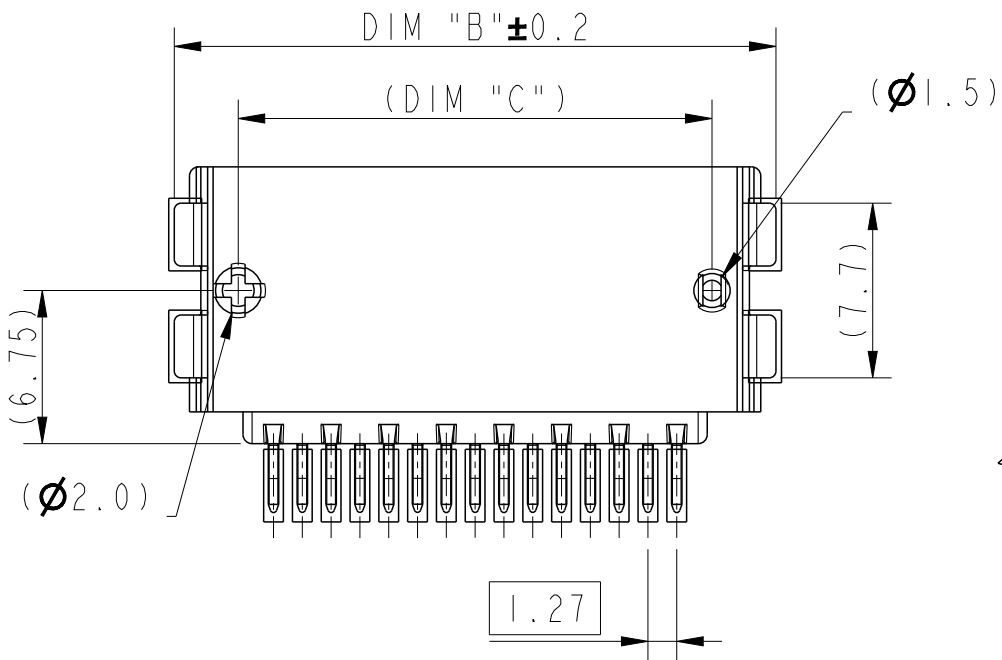
d - THIS PRODUCT / PACKAGING MEETS EUROPEAN
UNION DIRECTIVES AND OTHER COUNTRY
REGULATIONS AS DESCRIBED IN GS-47-004

- 5 - DATAMATRIX IDENTIFICATION LASER MARKED ON
THE TOP SURFACE : TRACEABILITY

- 6 - ELECTRICAL TESTS : CONTINUITY + HIPOT 500V



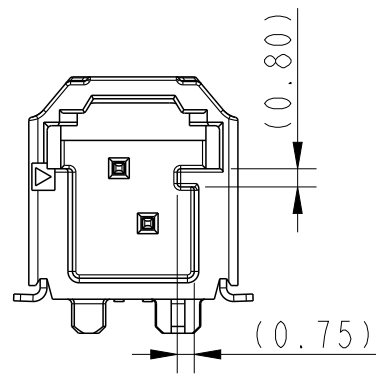
SECTION A-A



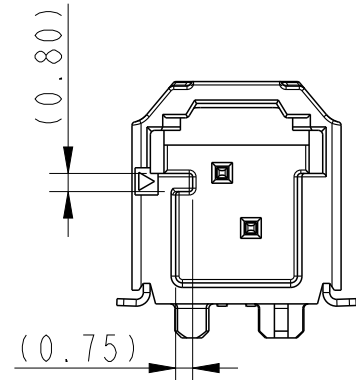
SCALE 3:1

spec ref		dr		Devaprasad P	2024/06/13	projection	mm	size	A3	scale	2:1	
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Adrien Faivre	2026/03/24			ecn no	ELX-F-283761-1			
			chr	Bandinu, Flori	2026/03/24			rel lev	PDF Released			
			appr	Valli�re, J�r�	2026/03/25							
product family						-						
surface ISO 1302	linear	0.X	�0.3	Amphenol FCI	title HEADER ASSY STG TOP LATCH MicroSpaceXS				dwg no	10177773		rev E
		0.XX	�0.10									
		0.XXX	�-									
	angular	0�	�2�	amphenol-icc.com	cat. no.		-	Product - Customer Drw			sheet 1 of 6	

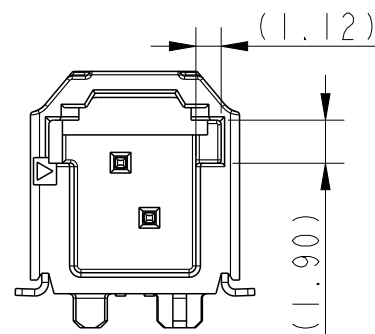
CODING DIMENSIONS, 2POS



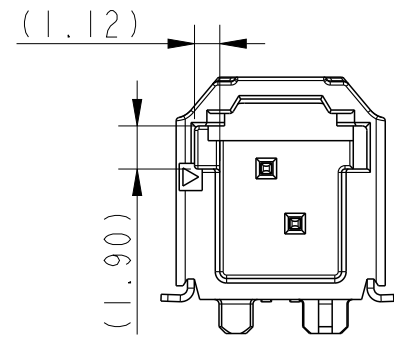
COD A



COD B

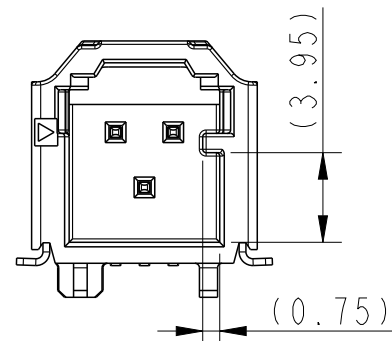


COD C

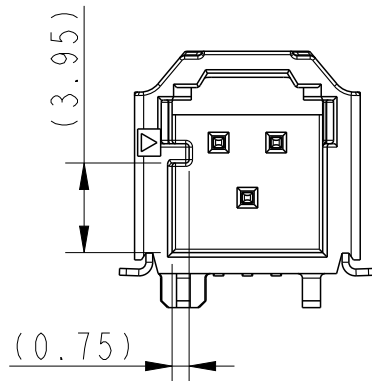


COD D

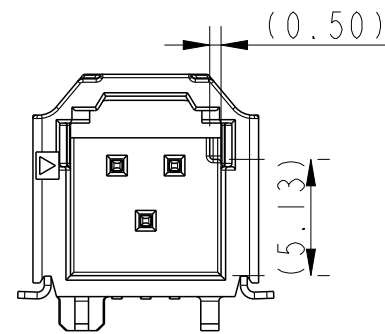
CODING DIMENSIONS,
3 & 4POS



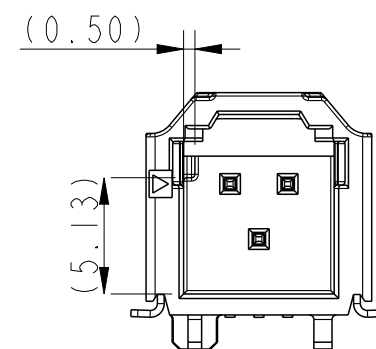
COD A



COD B

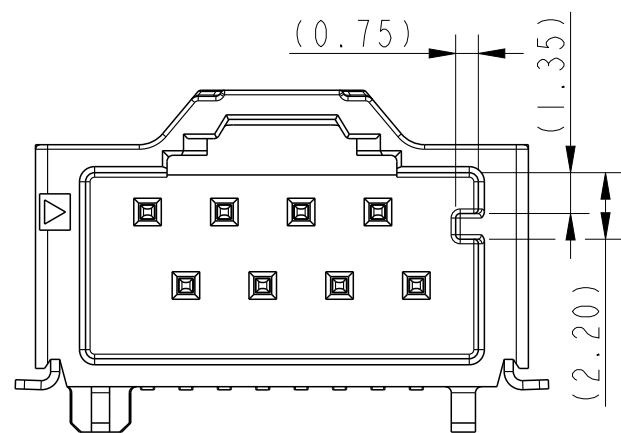


COD C

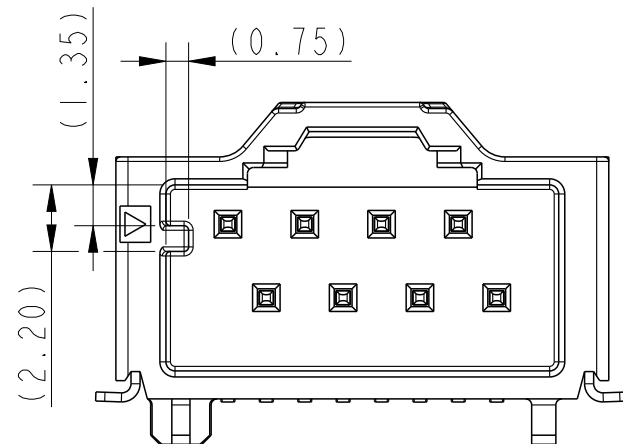


COD D

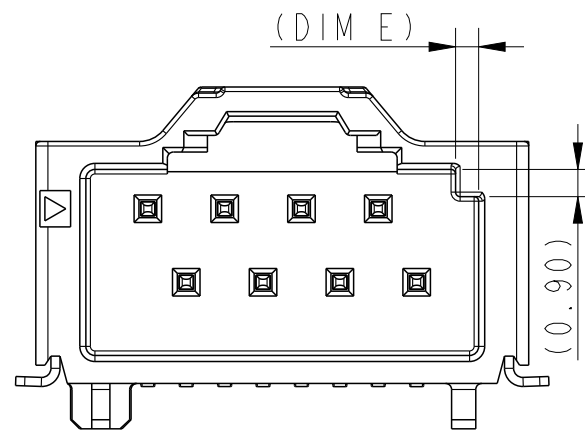
CODING DIMENSIONS,
5 TO 10POS



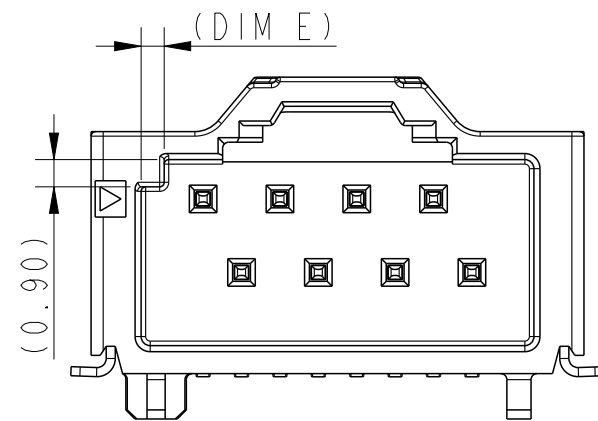
COD A



COD B

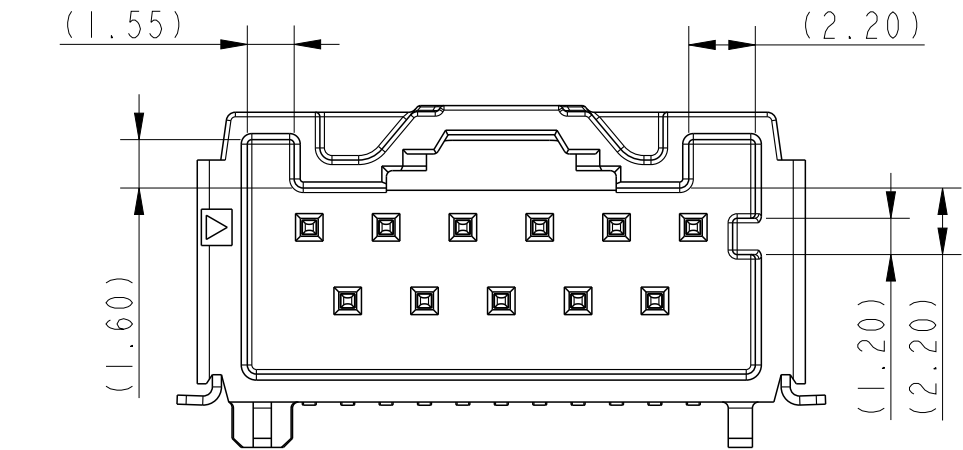


COD C

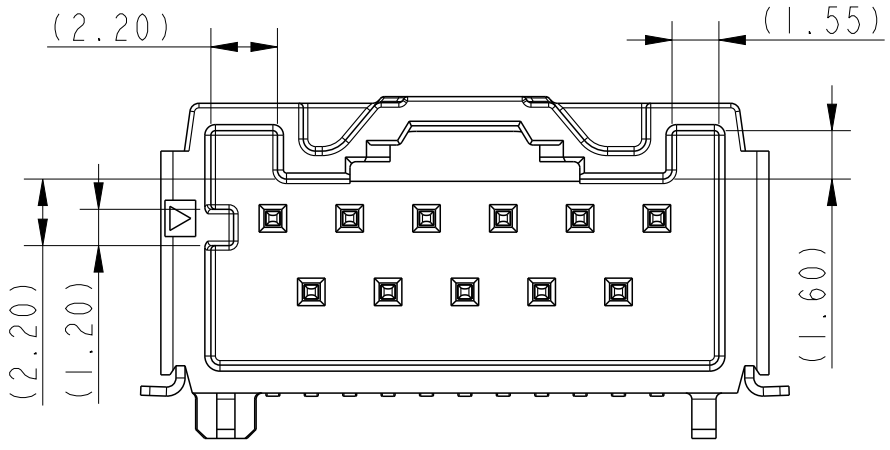


COD D

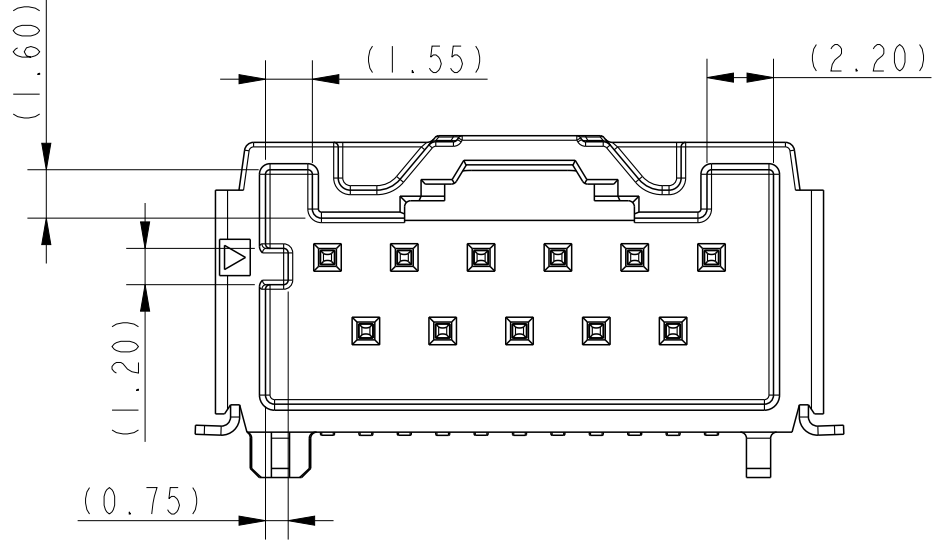
spec ref				dr	Devaprasad P	2024/06/13	projection 	mm 	size	A3	scale	3:1		
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Adrien Faivre	2026/03/24			ecn no	ELX-F-283761-1				
				chr	Bandinu, Flori	2026/03/24			rel levPDF Released					
				appr	Vallière, Jéré	2026/03/25			product family			-		
surface ISO 1302 ✓	linear	0.X	±0.3	Amphenol FCI	title	HEADER ASSY STG TOP LATCH				dwg no	10177773		rev	E
		0.XX	±0.10											
		0.XXX	±-											
	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw				sheet 2 of 6			



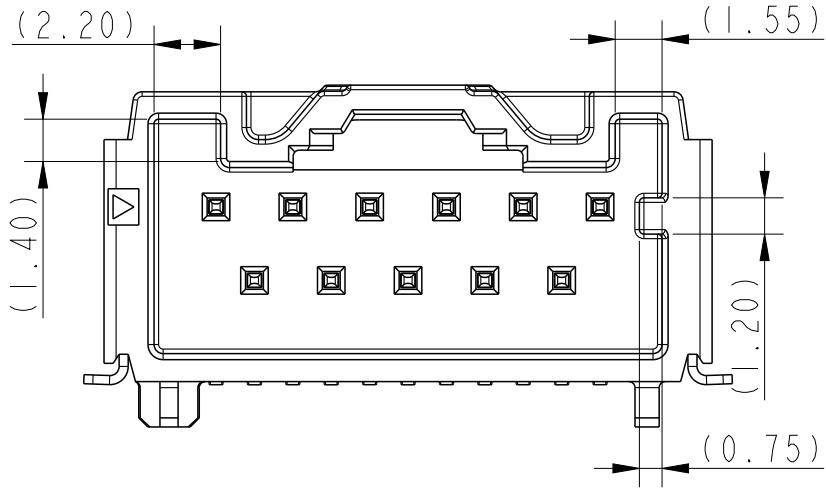
COD A



COD B



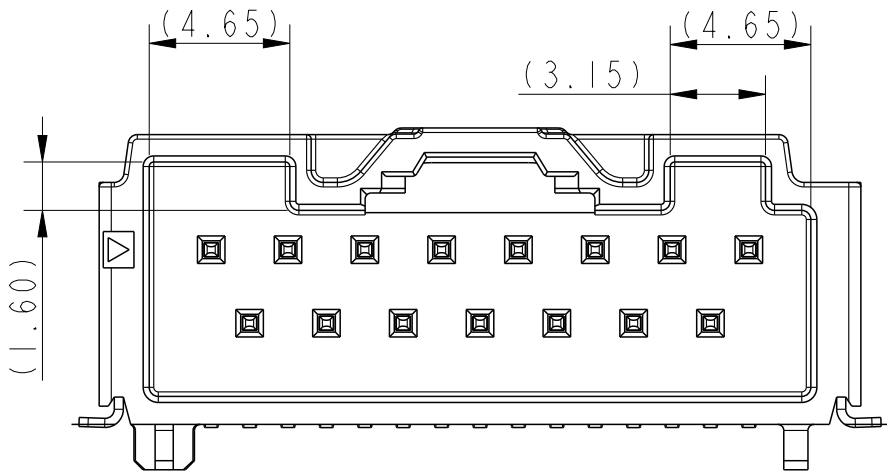
COD C



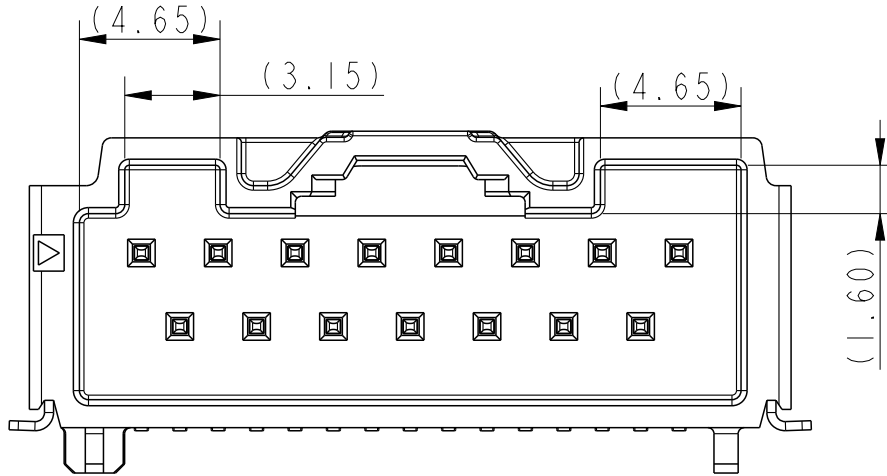
COD D

CODING DIMENSIONS, 11 TO 14POS

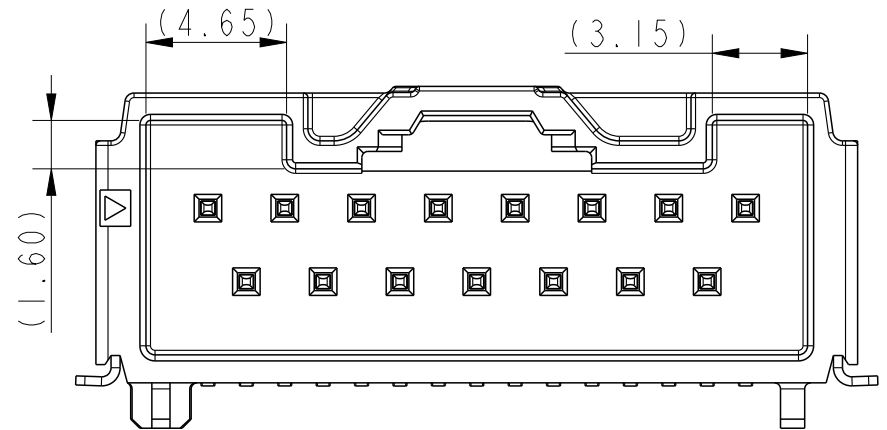
spec ref				dr	Devaprasad P	2024/06/13	projection 	mm 	size	A3	scale	2:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Adrien Faivre	2026/03/24			ecn no ELX-F-283761-1			
				chr	Bandinu, Flori	2026/03/24			rel lev PDF Released			
				appr	Vallière, Jérô	2026/03/25			product family -			
surface ISO 1302 	linear	0.X	±0.3	Amphenol FCi	title HEADER ASSY STG TOP LATCH MicroSpaceXS				dwg no 10177773	rev E		
		0.XX	±0.10									
		0.XXX	±-									
	angular	0°	±2°	amphenol-icc.com	cat. no. -		Product - Customer Drw					sheet 3 of 6



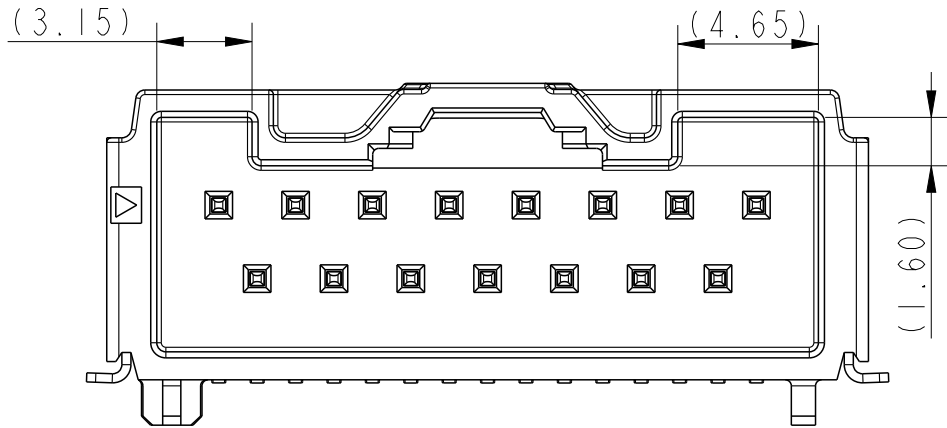
COD A



COD B



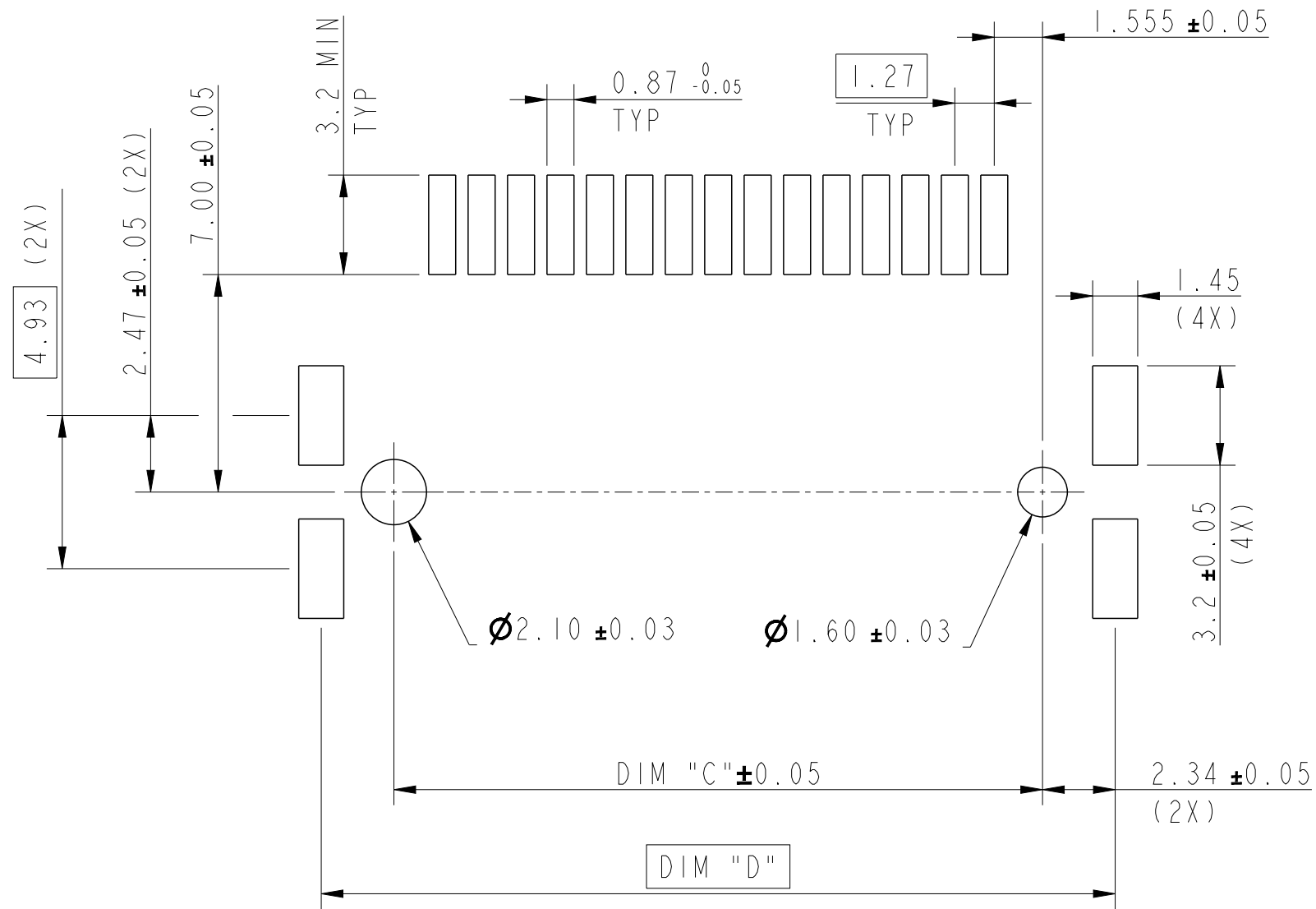
COD C



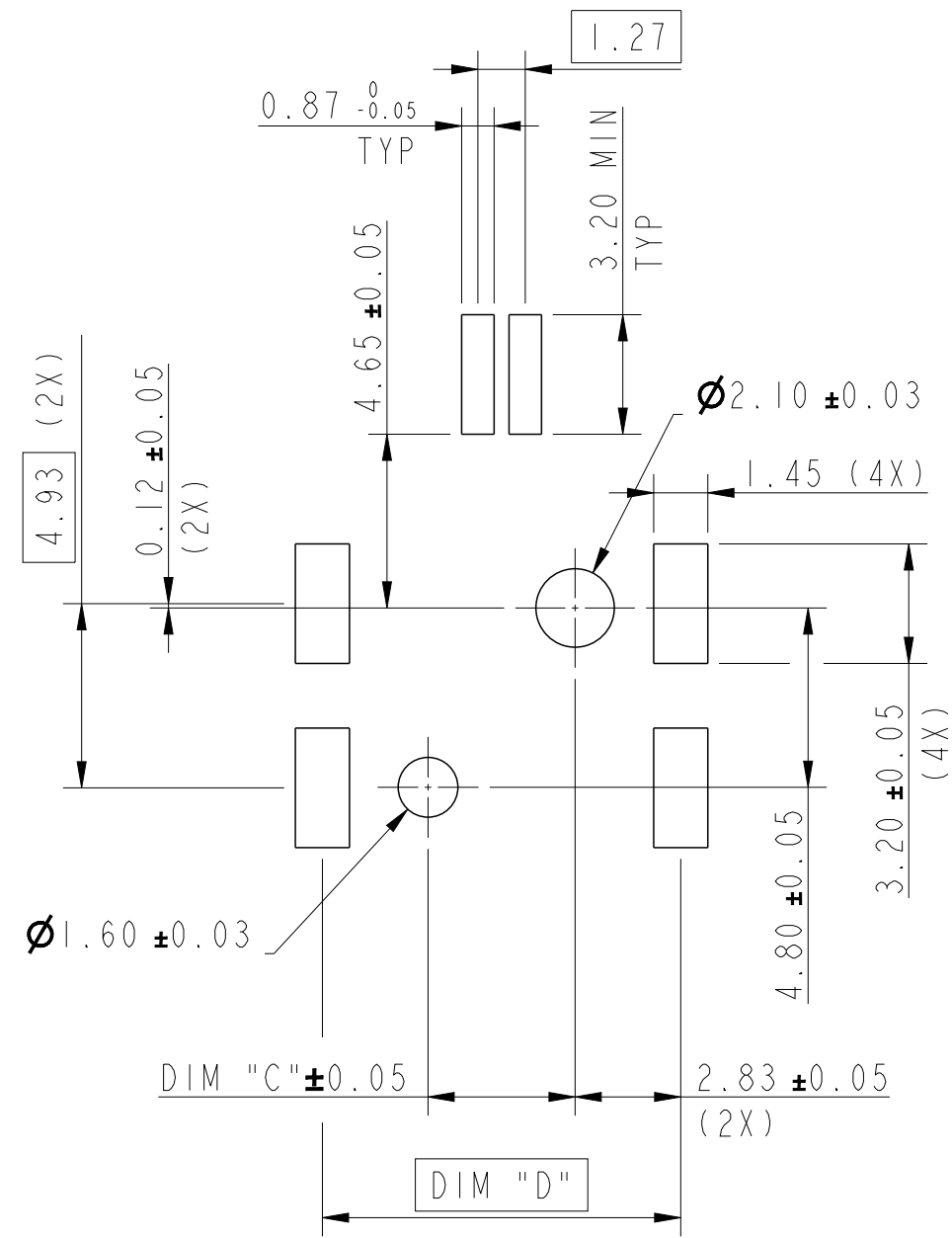
COD D

CODING DIMENSIONS, 15 & 16POS

spec ref				dr	Devaprasad P	2024/06/13			size	A3	scale	3:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Adrien Faivre	2026/03/24			ecn no ELX-F-283761-1			
				chr	Bandinu, Flori	2026/03/24			rel lev PDF Released			
				appr	Vallière, Jérô	2026/03/25						
surface ISO 1302	linear	0.X	±0.3	Amphenol FCi	title HEADER ASSY STG TOP LATCH MicroSpaceXS	dwg no 10177773	rev E					
		0.XX	±0.10									
		0.XXX	±-									
	angular	0°	±2°	amphenol-icc.com	cat. no.	-		Product - Customer Drw		sheet 4 of 6		

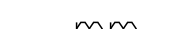


POSSIBLE PCB LAYOUT FOR 3 TO 16 POS
FOR STENCIL THICKNESS SEE APPLICATION SPEC



POSSIBLE PCB LAYOUT FOR 2 POS
FOR STENCIL THICKNESS SEE APPLICATION SPEC

CUSTOMER IS RESPONSIBLE FOR FINAL LAYOUT

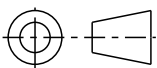
spec ref		dr		Devaprasad P	2024/06/13			size	A3	scale	2:1			
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Adrien Faivre			2026/03/24	ecn no				ELX-F-283761-1	
			chr		Bandinu, Flori			2026/03/24	rel lev				PDF Released	
			appr		Vallière, Jérôme			2026/03/25	product family				-	
surface ISO 1302	linear	0.X	±0.3		title					HEADER ASSY STG TOP LATCH	dwg no	10177773	rev	E
		0.XX	±0.10											
		0.XXX	±-											
	angular	0°	±2°	amphenol-icc.com		cat. no.	-	Product - Customer Drw				sheet 5 of 6		

DIMENSIONS FOR STANDARD RANGE

PART NO	NO.OF PINS	PIN POPULATION	AVAILABILITY	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "E"
10177773-XY02	02	FULLY POPULATED	ON DEMAND	9.22	10.56	3.94	9.60	NA
10177773-XY03	03		ON DEMAND	9.95	11.29	5.65	10.33	NA
10177773-XY04	04		ON DEMAND	11.22	12.56	6.92	11.60	NA
10177773-XY05	05		ON DEMAND	12.49	13.83	8.19	12.87	0.50
10177773-XY06	06		ON DEMAND	13.76	15.10	9.46	14.14	0.76
10177773-XY07	07		ON DEMAND	15.03	16.37	10.73	15.41	0.76
10177773-XY08	08		TOOLED	16.30	17.64	12.00	16.68	0.76
10177773-XY09	09		ON DEMAND	17.57	18.91	13.27	17.95	0.76
10177773-XY10	10		ON DEMAND	18.84	20.18	14.54	19.22	0.76
10177773-XY11	11		ON DEMAND	20.11	21.45	15.81	20.49	NA
10177773-XY12	12		ON DEMAND	21.38	22.72	17.08	21.76	NA
10177773-XY13	13		ON DEMAND	22.65	23.99	18.35	23.03	NA
10177773-XY14	14		ON DEMAND	23.92	25.26	19.62	24.30	NA
10177773-XY15	15		TOOLED	25.19	26.53	20.89	25.57	NA
10177773-XY16	16		ON DEMAND	26.46	27.80	22.16	26.84	NA

CUSTOM PRODUCT START AT CONFIGURATION -XY50

FOR MORE INFORMATION, PLEASE REFER TO THE CUSTOM DRW : 10177773_CUSTOM

spec ref				dr	Devaprasad P	2024/06/13	projection 	mm 	size	A3	scale	5:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Adrien Faivre	2026/03/24			ecn no				ELX-F-283761-1		
ISO 406				chr	Bandinu, Flori	2026/03/24			rel lev				PDF Released		
ISO 1101				appr	Vallière, Jérô	2026/03/25	product family				-				
surface  ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	HEADER ASSY STG TOP LATCH				dwg no	10177773		rev	E	
		0.XX	±0.10												MicroSpaceXS
		0.XXX	±-												
angular		0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw				sheet 6 of 6				