

PRODUCT DESCRIPTION CODE:

10142634-1XXK LF

RoHS COMPATIBLE, SEE NOTE 3

FOR CUSTOMER CODE :
BLANK = GENERAL USE
V = CUSTOMER DEDICATED PART

PACKAGING :
K = TAPE & REEL

NUMBER OF POSITIONS : 02 TO 16

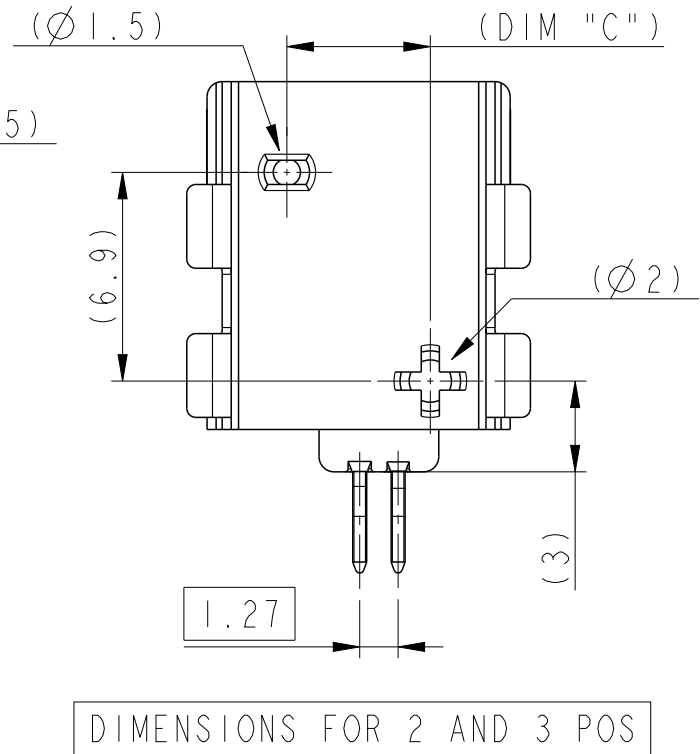
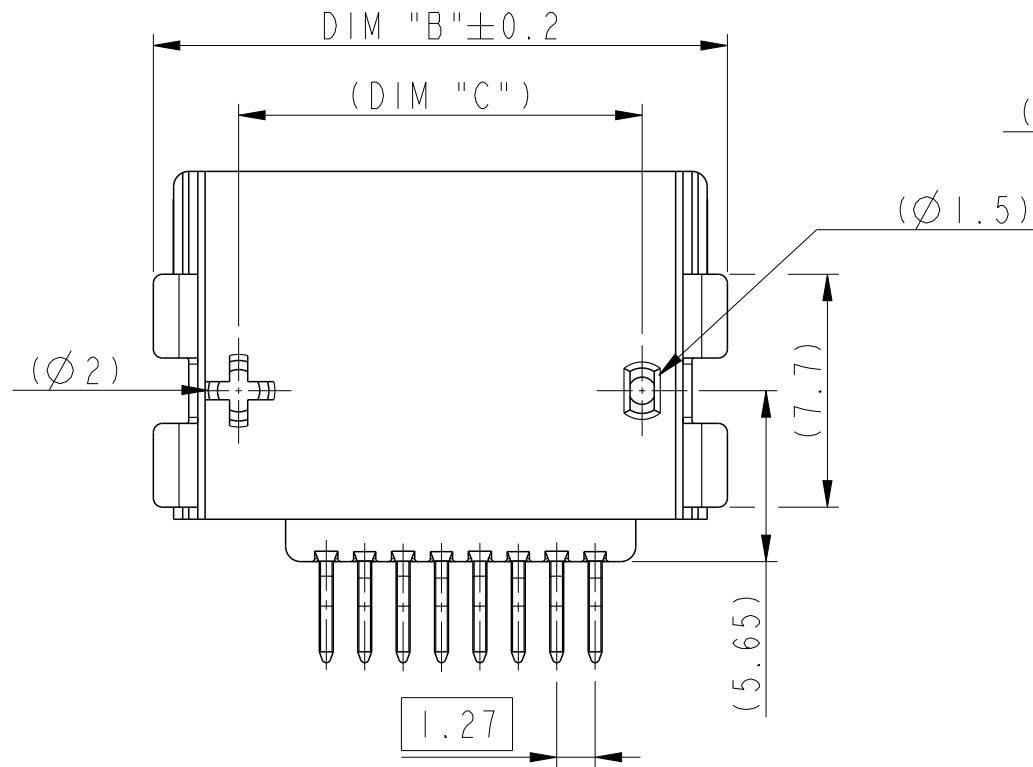
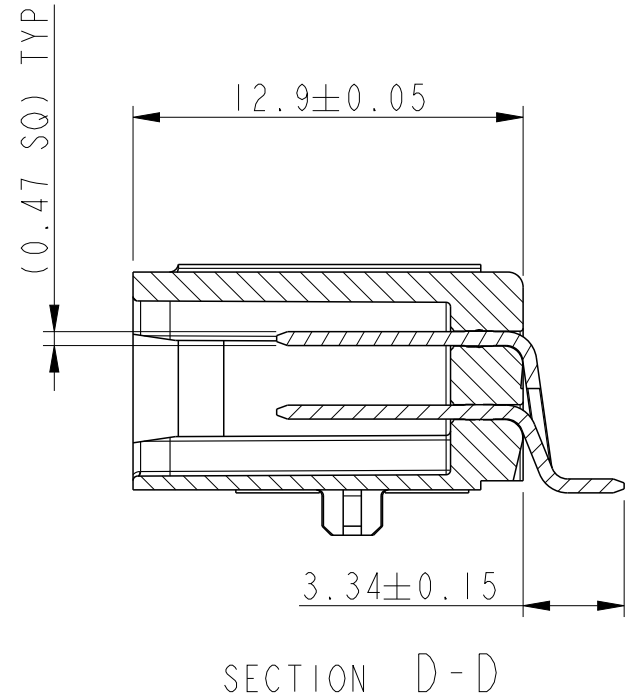
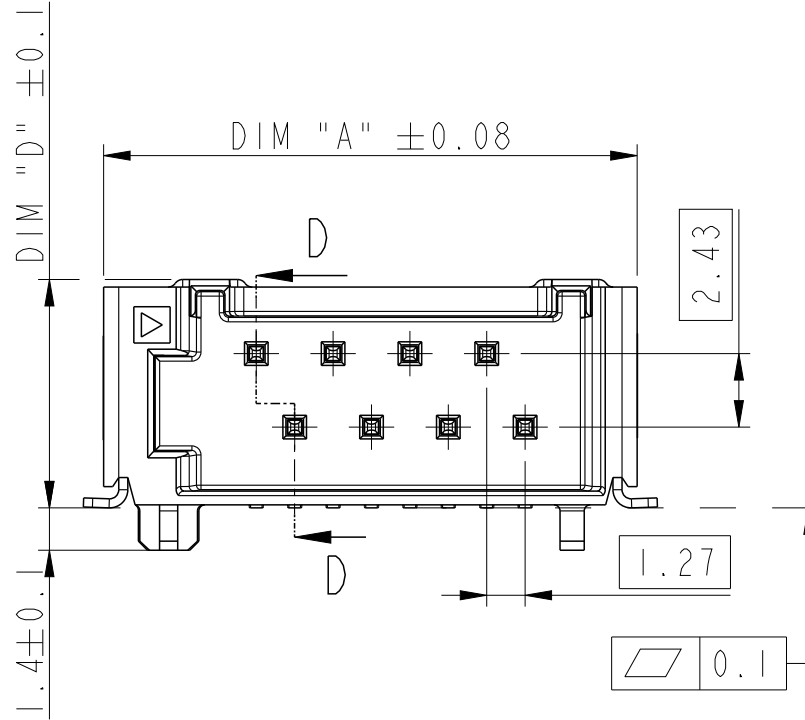
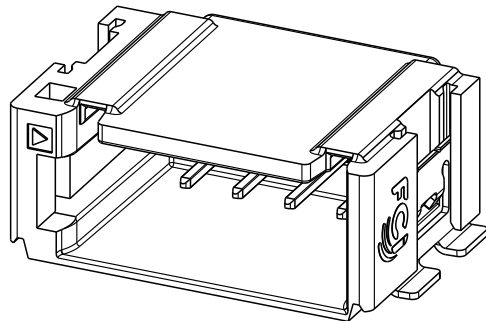
PLATING :

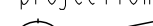
- 1 = 3µm MIN MATTE TIN (PREPLATED)
- 2 = 3µm MIN MATTE TIN (POST-PLATED)
- 3 = 0.76µm MIN GOLD (CONTACT AREA)
- ALL OVER 1.27µm MIN NICKEL UNDERLAYER

NOTES:

- MATERIAL:
HOUSING : HIGH TEMPERATURE THERMOPLASTIC
COLOR BLACK UL94 V-0
PIN : HIGH CURRENT COPPER ALLOY
- TO BE MATED WITH MINITEK µSPACE RECEPTACLE SERIES 10142632
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - PLATING:
"LF" MEANS THE PRODUCT IS LEAD FREE,
3µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL UNDERPLATE.
 - 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.
 - LABELLING :
MEETS PACKAGING SPECS AS PER GS-14-920
 - LEGAL STATEMENT :
SEE GS-47-0004.

SCALE 3:1



spec ref		GS-12-1422			dr	Ramu P	2018/07/10			size	A3	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Moisan, Gwenda	2026/02/05	ecn no			ELX-F-59348-1			
				chr	-	-							
				appr	Lamy, Alexandr	2026/02/05	product family			-	rel level	Released	
surface	linear	0.X	±0.3	Amphenol FCi	title	HEADER ASSEMBLY MINITEK μSPACE STAGGERED SIDE LATCH			dwg no	10142634		rev	D
		0.XX	±0.10										
		0.XXX	±0.005										
	ISO 1302	angular	0°	±2°		cat. no.	-	Product - Customer Drw			sheet 1 of 3		

A

B

C

D

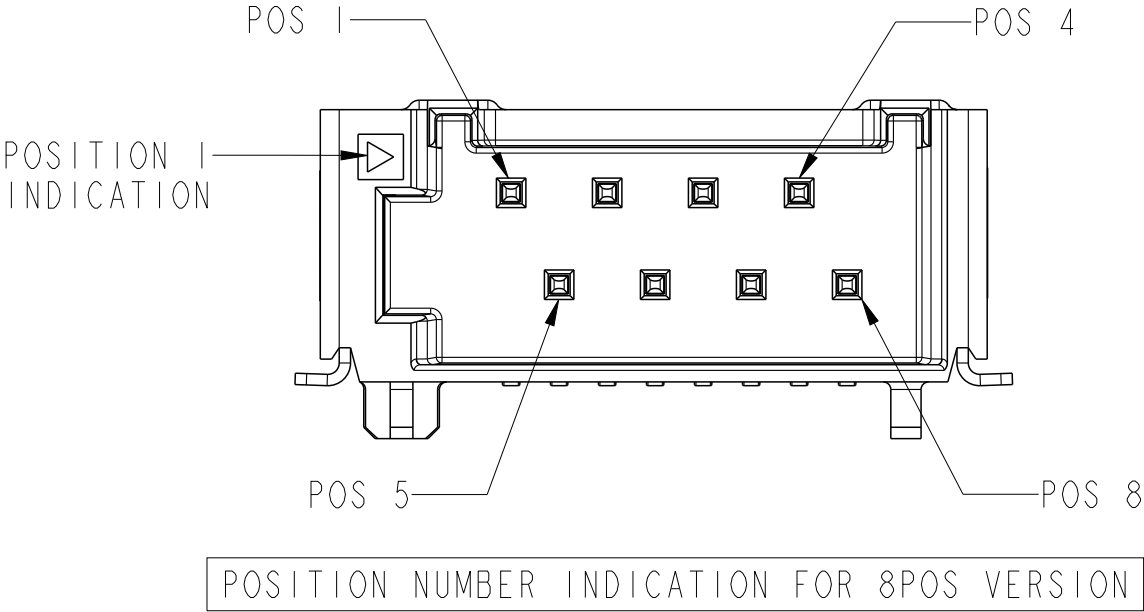
A

B

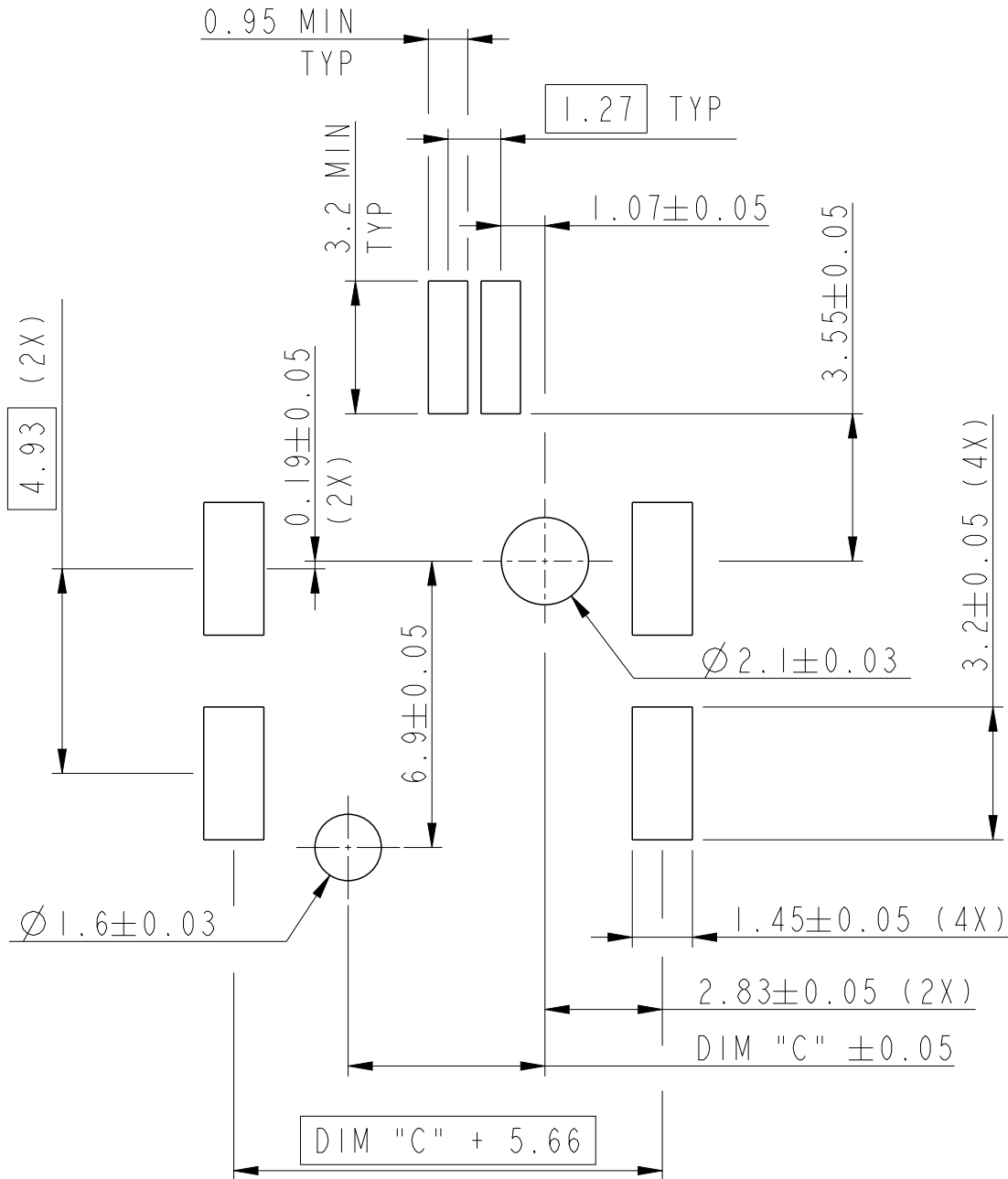
C

D

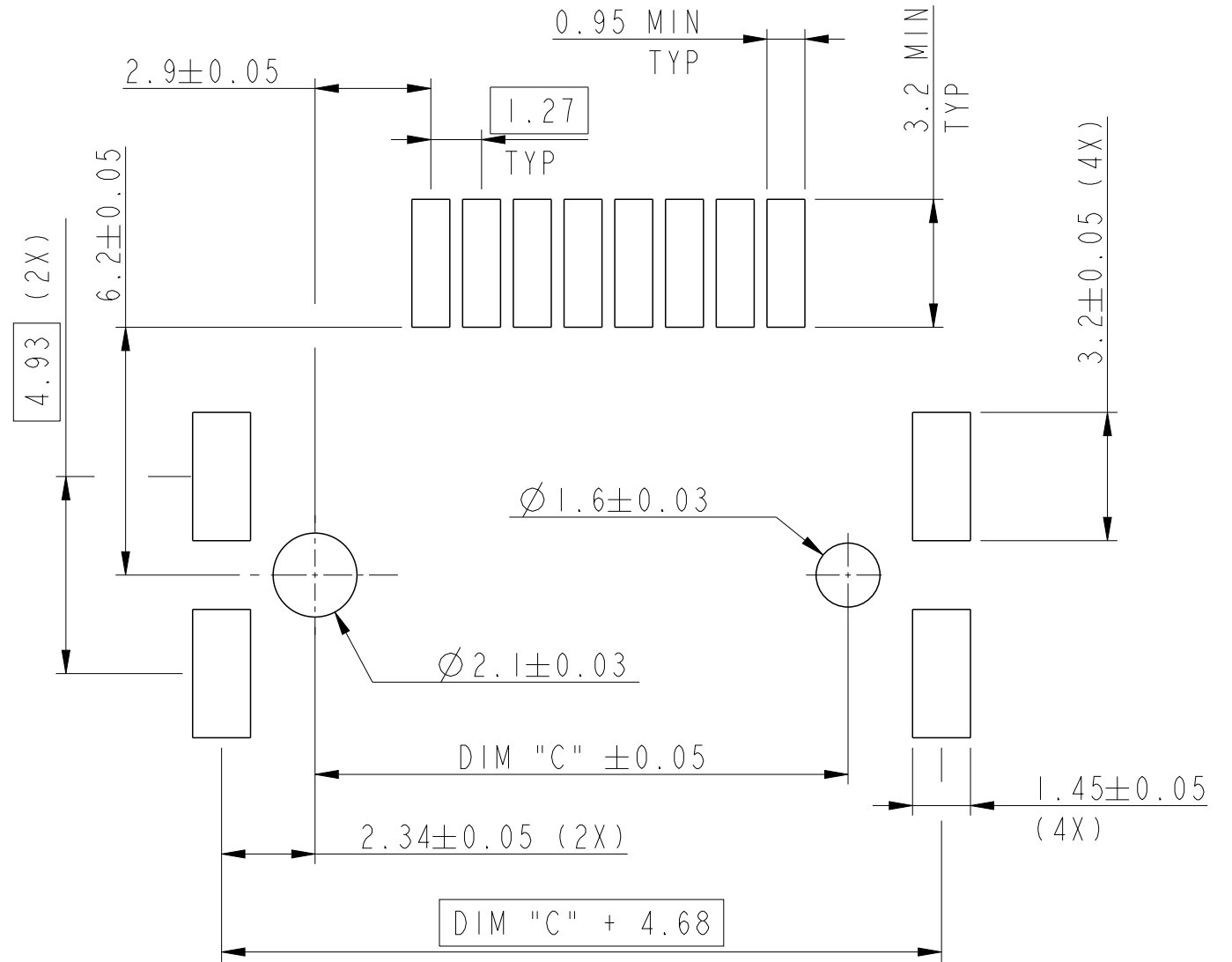
PART NO.	NO. OF POSN	DIM "A"	DIM "B"	DIM "C"	DIM "D"
10142634-102KLF	02	10.02	11.36	4.74	7.30
10142634-103KLF	03	11.29	12.63	6.01	7.55
10142634-104KLF	04	12.56	13.90	8.26	7.55
10142634-105KLF	05	13.83	15.17	9.53	7.55
10142634-106KLF	06	15.10	16.44	10.80	7.55
10142634-107KLF	07	16.37	17.71	12.07	7.55
10142634-108KLF	08	17.64	18.98	13.34	7.55
10142634-109KLF	09	18.91	20.25	14.61	7.55
10142634-110KLF	10	20.18	21.52	15.88	7.55
10142634-111KLF	11	21.45	22.79	17.15	7.55
10142634-112KLF	12	22.72	24.06	18.42	7.55
10142634-113KLF	13	23.99	25.33	19.69	7.55
10142634-114KLF	14	25.26	26.60	20.96	7.55
10142634-115KLF	15	26.53	27.87	22.23	7.55
10142634-116KLF	16	27.80	29.14	23.50	7.55



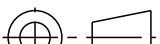
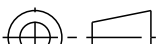
spec ref		GS-12-1422		dr	Ramu P	2018/07/10	projection mm	size	A3	scale	5:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Moisan, Gwenda	2026/02/05		ecn no	ELX-F-59348-1					
				chr	-	-								
				appr	Lamy, Alexandr	2026/02/05						product family	-	
surface	linear	0.X	±0.3	Amphenol FCi	title	HEADER ASSEMBLY			dwg no	10142634			rev	D
		0.XX	±0.10											
		0.XXX	±0.005											
	ISO 1302	angular	0°											



RECOMMENDED PCB LAYOUT FOR 2 AND 3 POS



RECOMMENDED PCB LAYOUT FROM 4 TO 16 POS

spec ref		GS-12-1422			dr	Ramu P	2018/07/10	projection 		mm 		size	A3	scale	6:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	Moisan, Gwenda	2026/02/05					ecn no	ELX-F-59348-1		
chr					-	-									
ISO 406					ISO 1101	appr	Lamy, Alexandr					2026/02/05	product family		
surface	linear	0.X	±0.3	Amphenol FCI	title	HEADER ASSEMBLY				dwg no	10142634			rev	D
		0.XX	±0.10												
		0.XXX	±0.005												
ISO 1302	angular	0°	±2°		cat. no.	-	Product - Customer Drw				sheet 3 of 3				