

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

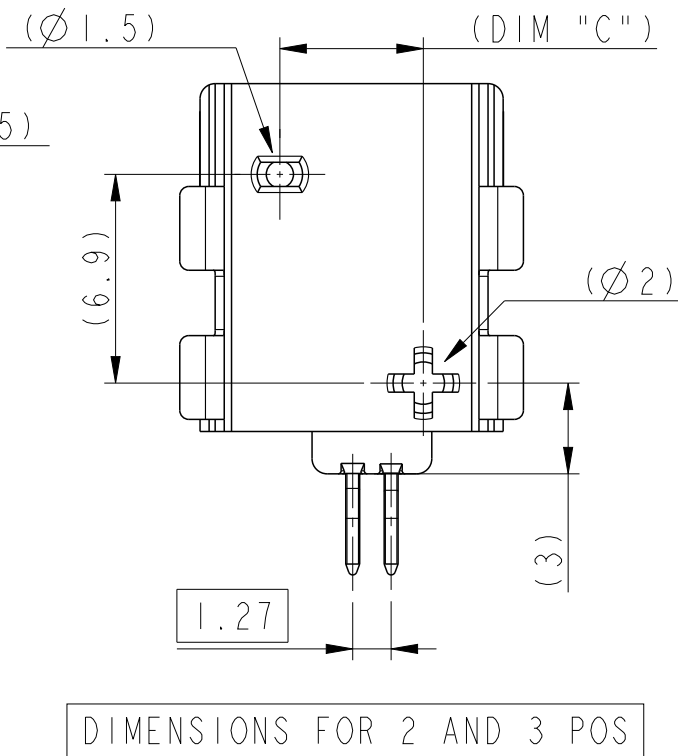
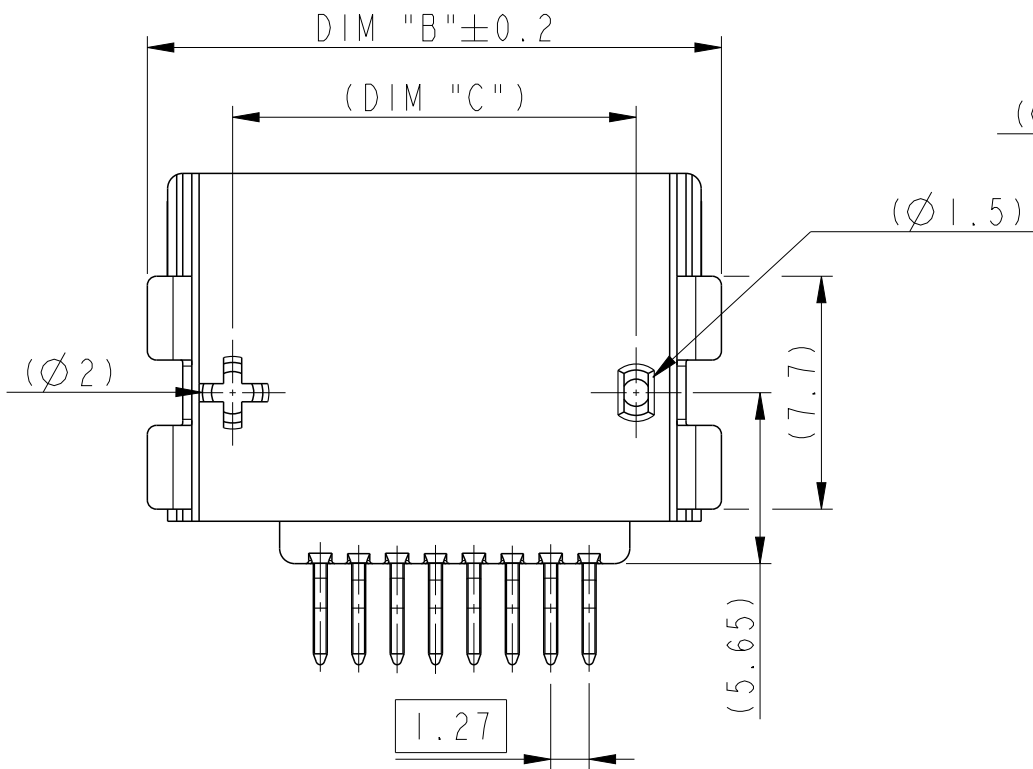
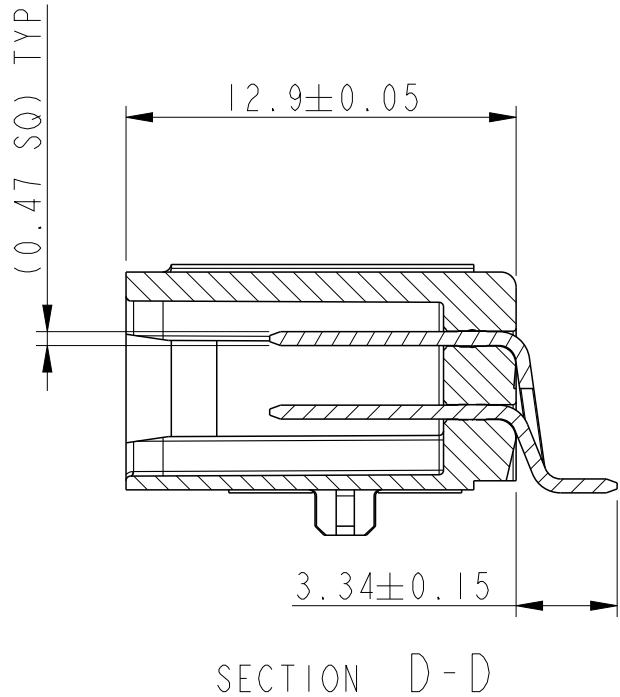
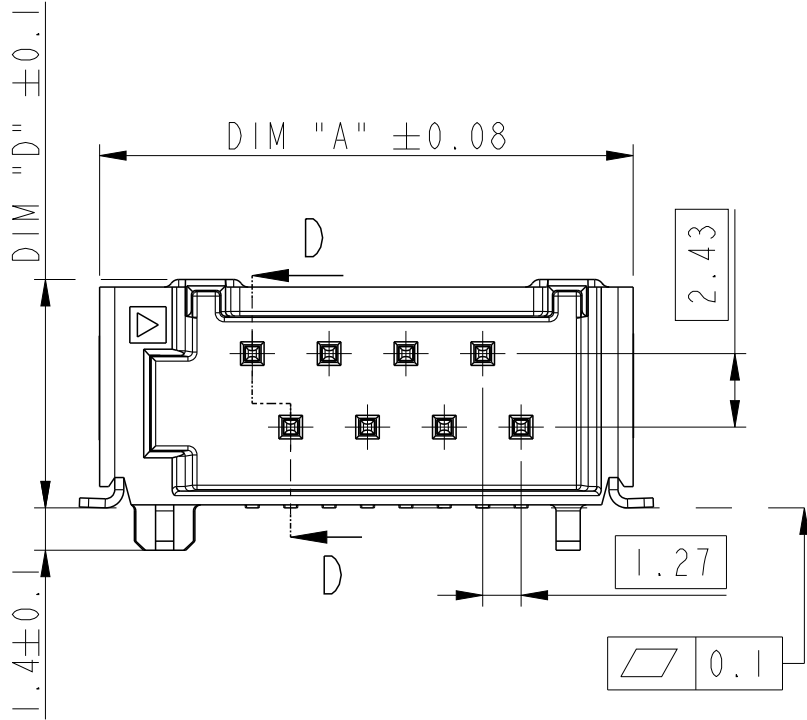
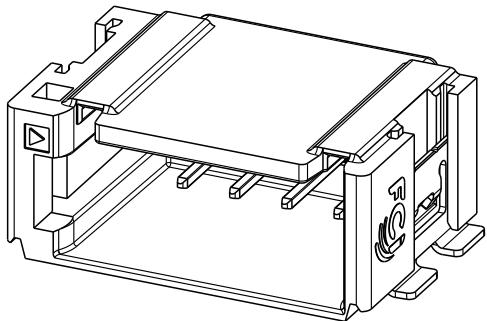
PLATING :

- 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

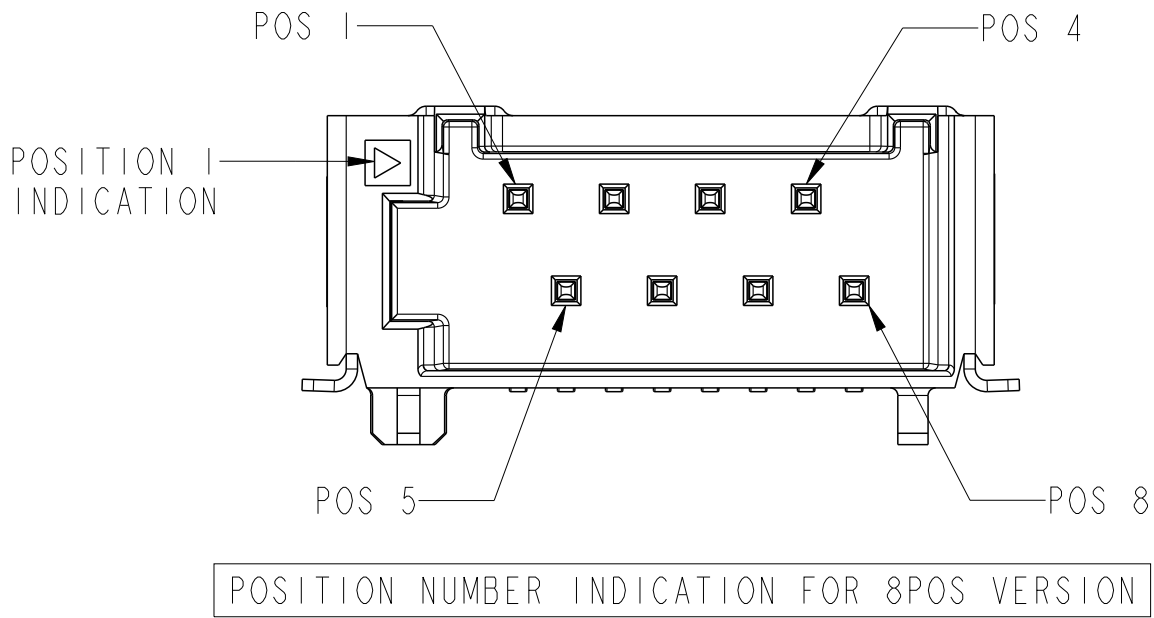
NOTES:

- 1 - MATERIAL:
HOUSING : HIGH TEMPERATURE THERMOPLASTIC
COLOR BLACK UL94 V-0
PIN : HIGH CURRENT COPPER ALLOY
- 2 - TO BE MATED WITH MINITEK µSPACE RECEPTACLE SERIES 10142632
- 3 - 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 - LEGAL STATEMENT :
SEE GS-47-0004.

SCALE 3:1

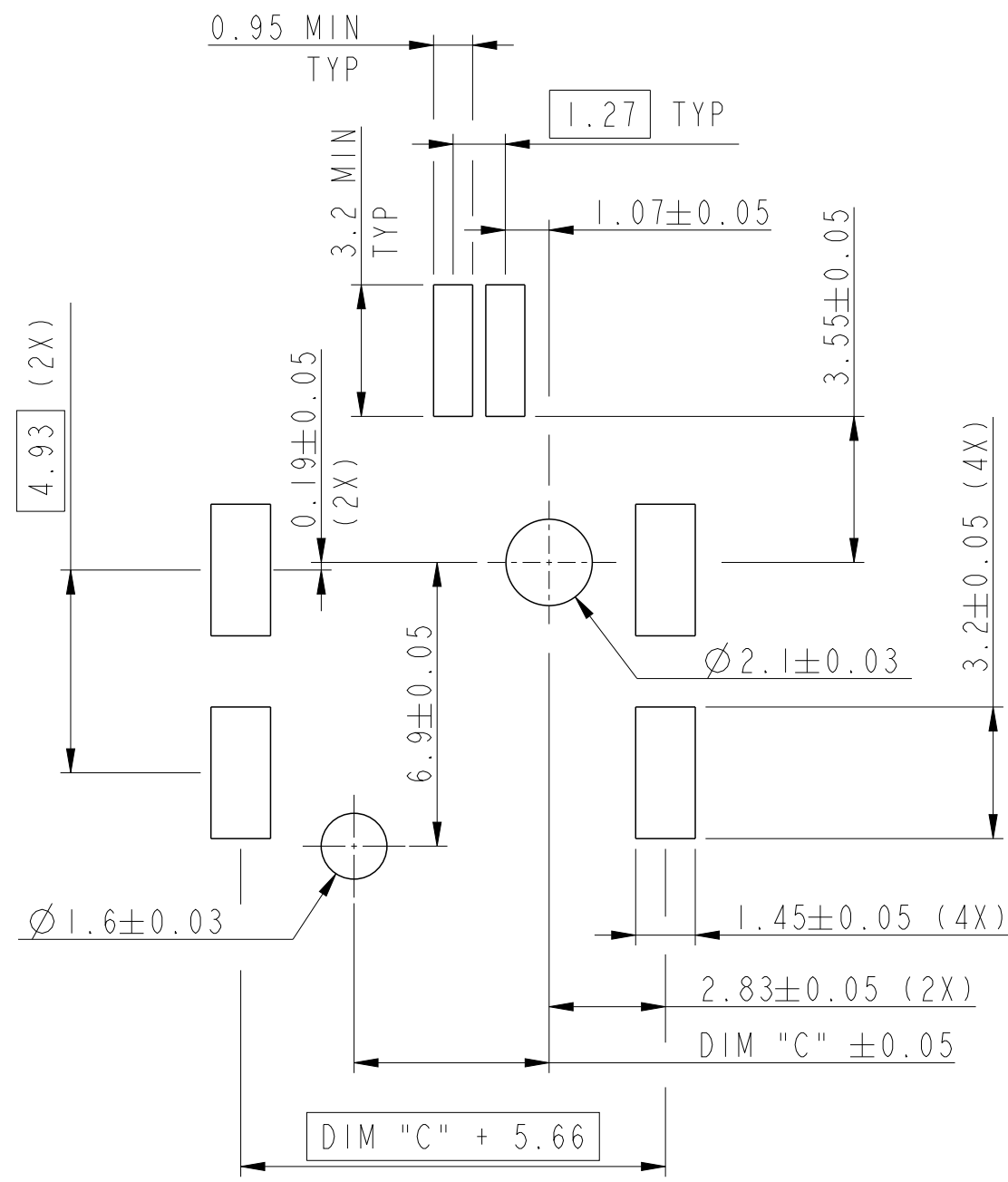


spec ref		GS-12-1422		dr		Ramu P	2018/07/10	projection	mm	size	A3	scale	4:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Moisan, Gwenda	2026/02/05			ecn no		ELX-F-59348-1				
				chr		-	-									
				appr		Lamy, Alexandr	2026/02/05			product family		-	rel level		Released	
surface ISO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

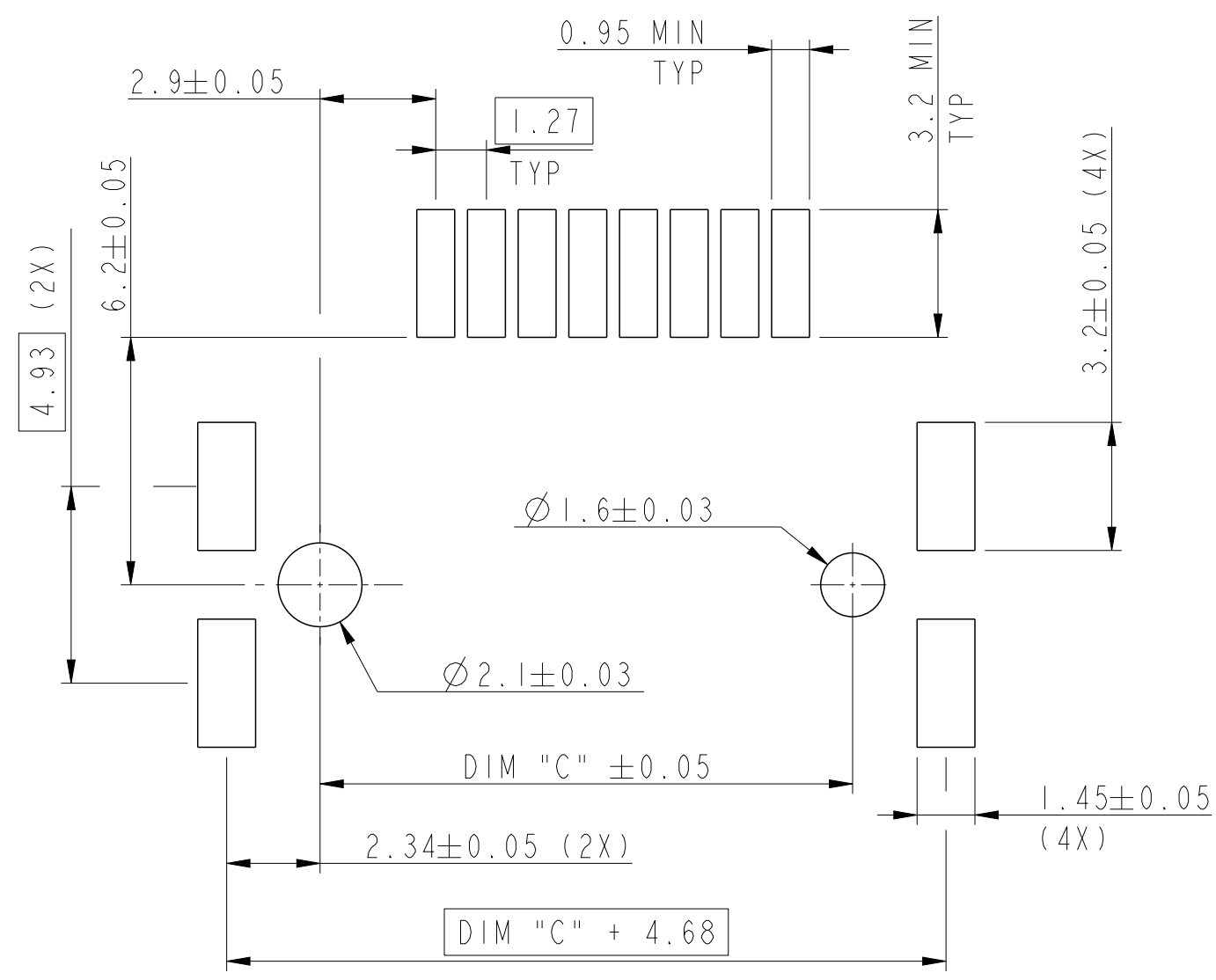


PART NO.	NO. OF POSN	DIM "A"	DIM "B"	DIM "C"	DIM "D"
10142634-102KLF	02	10.02	11.36	4.74	7.30
10142634-103KLF	03	11.29	12.63	6.01	7.55
10142634-104KLF	04	12.56	13.90	8.26	7.55
10142634-105KLF	05	13.83	15.17	9.53	7.55
10142634-106KLF	06	15.10	16.44	10.80	7.55
10142634-107KLF	07	16.37	17.71	12.07	7.55
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

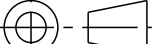
spec ref		GS-12-1422		dr	Ramu P	2018/07/10	projection	mm	size	A3	scale	5:1	
tolerance ref std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Moisan, Gwenda	2026/02/05	ecn no			ELX-F-59348-1				
			chr	-	-	rel level			Released				
ISO 406 ISO 1101				appr	Lamy, Alexandr	2026/02/05	product family		-				
surface ISO 1302	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										
	angular	0°	±2°	cat. no.	-	Product - Customer Drw				sheet 2 of 3			



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					
ISO 406				chr	-	-								
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°											