

PRODUCT DESCRIPTION CODE :

10142396-1XXK LF

RoHS COMPATIBLE, SEE NOTE 3

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

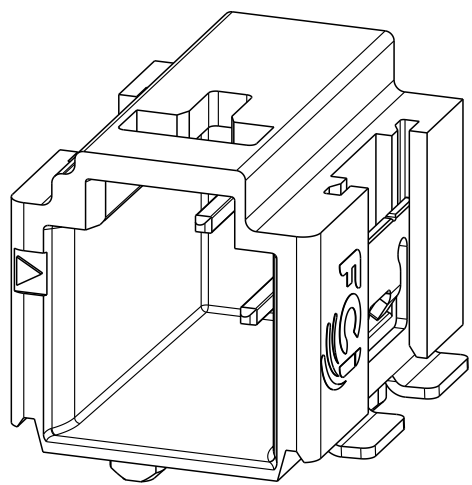
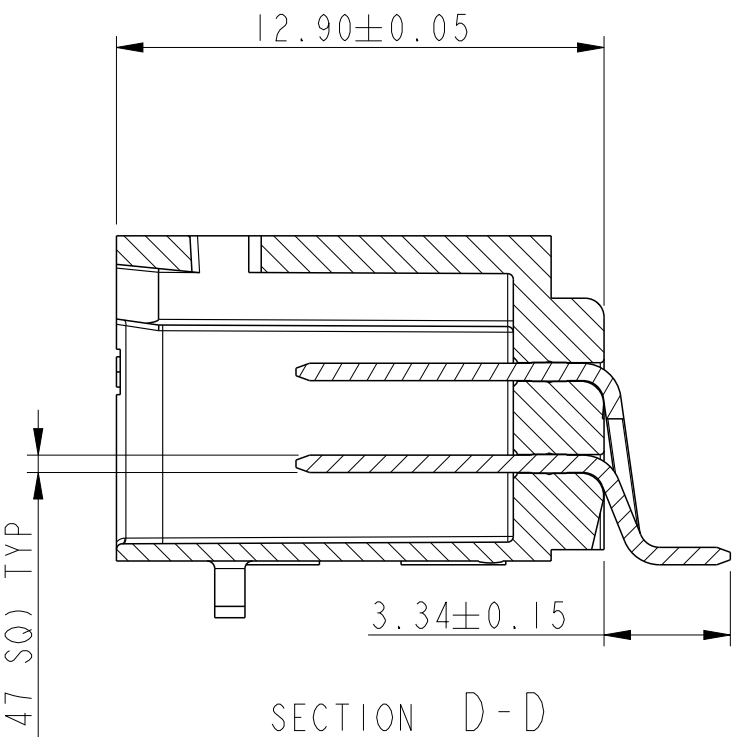
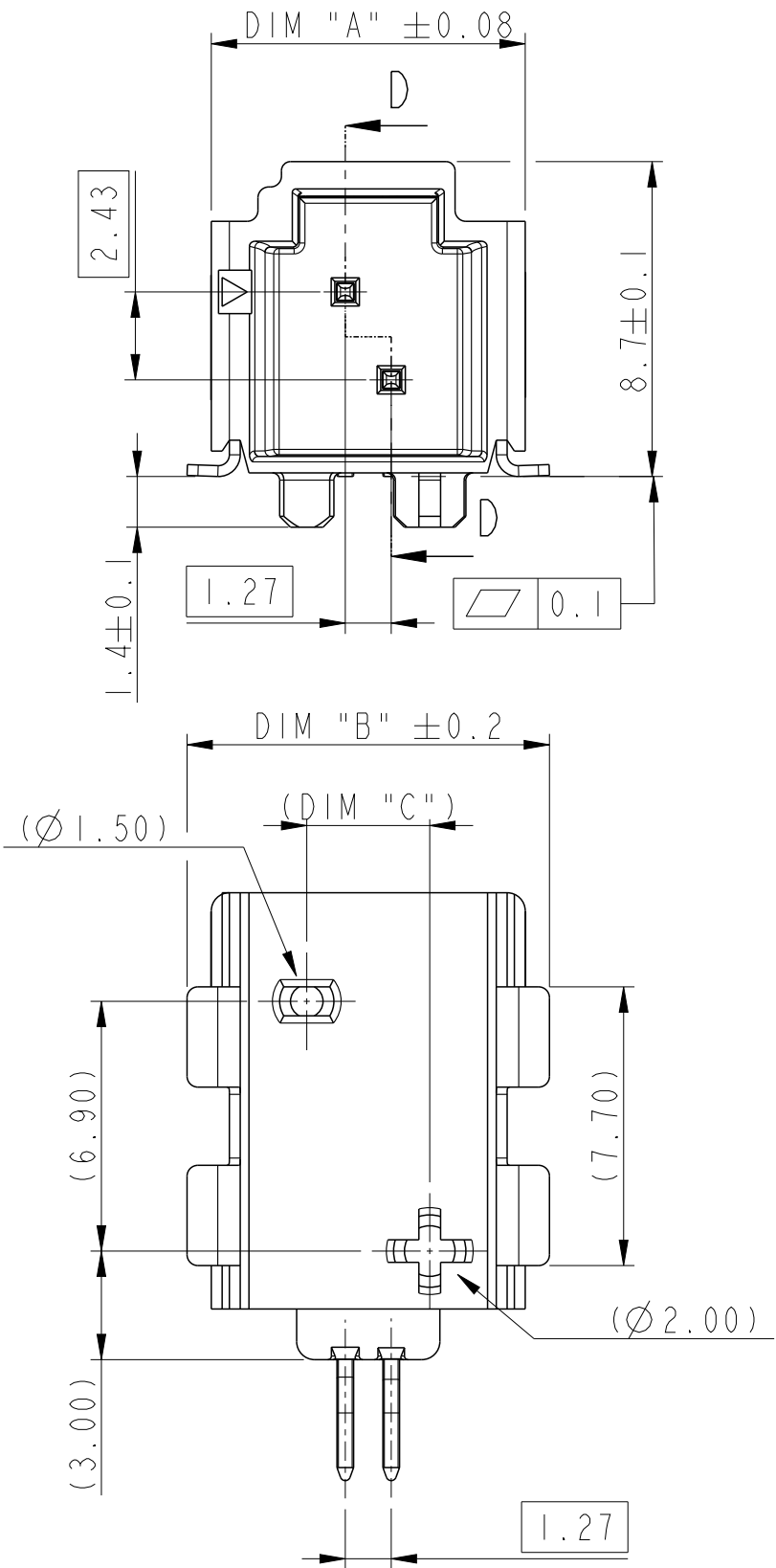
PACKAGING :
K = TAPE & REEL

NUMBER OF POSITIONS : 02 TO 03

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

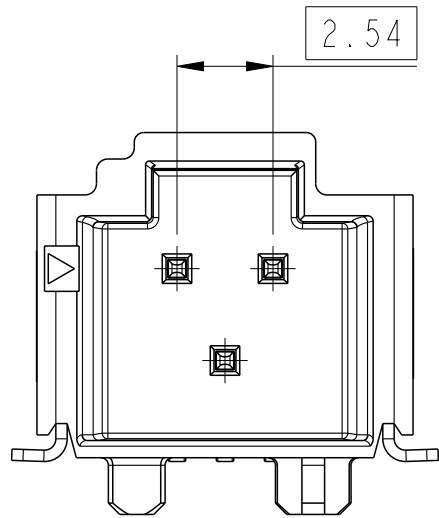
NOTES:

- 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 10142395
- 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.



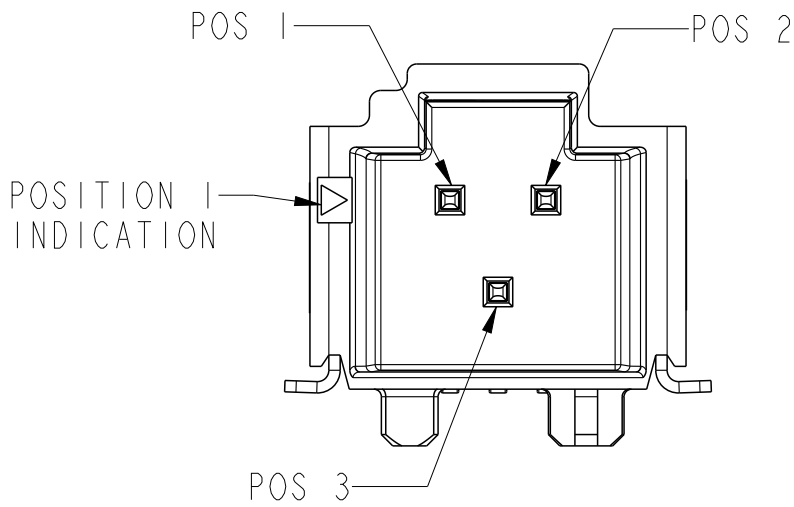
spec ref		GS-12-1422		dr	Sawanth, Ambaa	2018/07/10	projection	mm	size	A3	scale	5:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Moisan, Gwenda	2026/02/05			ecn no	ELX-F-59334-1			
				chr	-	-							
				appr	Lamy, Alexandr	2026/02/05			product family		-	rel level	
surface	linear	0.X	±0.3	Amphenol FCi	title			dwg no	10142396			rev	D
		0.XX	±0.10										
		0.XXX	±0.005										
	ISO 1302	angular	0°	±2°		cat. no.		-	Product - Customer Drw			sheet 1 of 2	

PART NO.	NO. OF POSN	DIM "A"	DIM "B"	DIM "C"
10142396-102KLF	02	8.68	10.02	3.40
10142396-103KLF	03	9.95	11.29	4.67

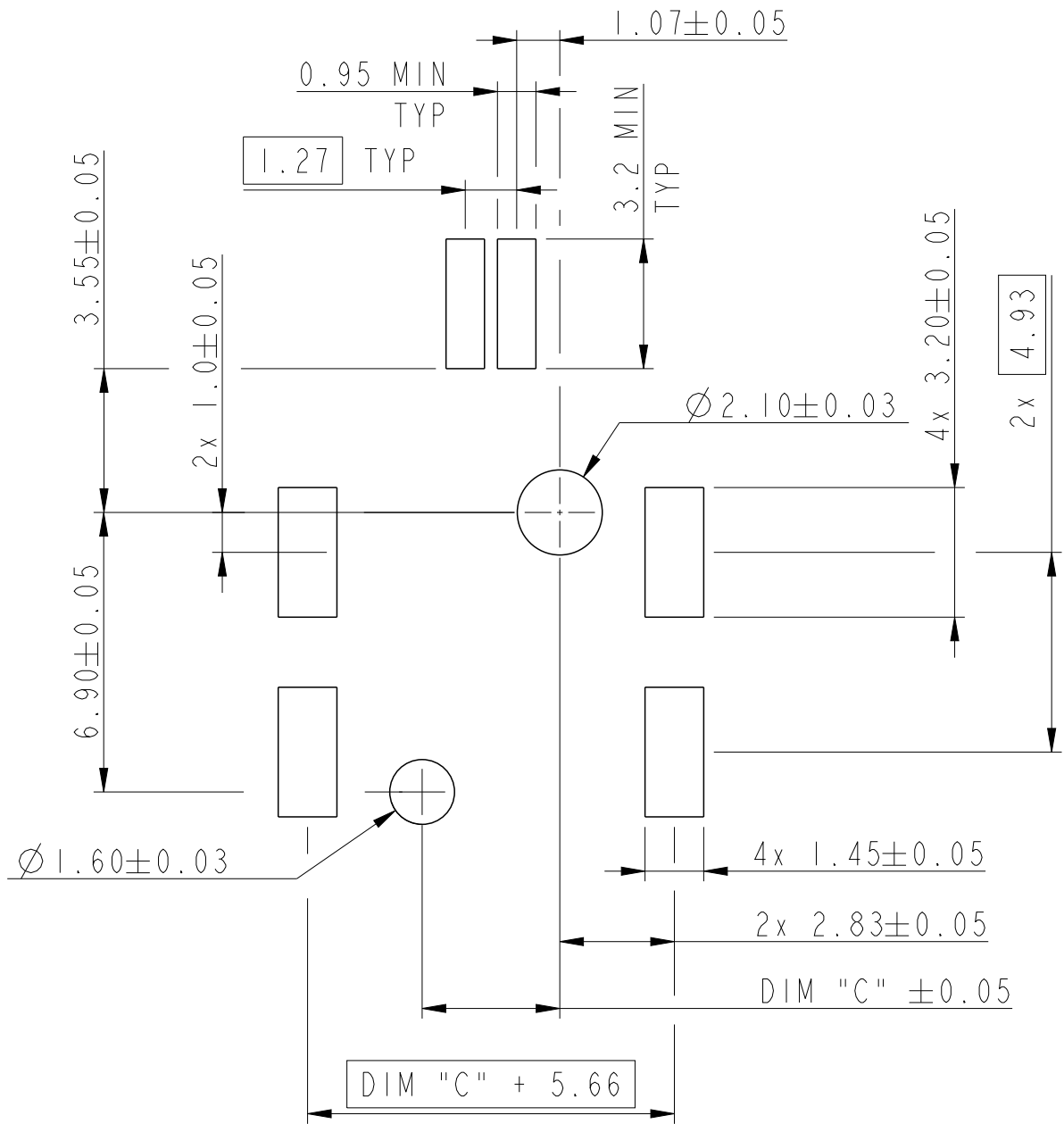


10142396-103KLF

REFER 102KLF FOR ALL OTHER DIMENSIONS



POSITION NUMBER INDICATION FOR 3POS VERSION



RECOMMENDED PCB LAYOUT
SCALE 6:1

spec ref		GS-12-1422		dr	Sawanth, Ambaa	2018/07/10			size	A3	scale	5:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Moisan, Gwenda	2026/02/05			ecn no		ELX-F-59334-1		
ISO 406				chr	-	-			rel level				Released
ISO 1101				appr	Lamy, Alexandr	2026/02/05			product family		-		
surface	linear	0.X	±0.3	Amphenol FCi	title	HEADER ASSEMBLY MINITEK μSPACE STAGGERED TOP LATCH			dwg no	10142396		rev	D
		0.XX	±0.10										
		0.XXX	±0.005										
	ISO 1302	angular	0°	±2°		cat. no.	-	Product - Customer Drw			sheet 2 of 2		