

PRODUCT DESCRIPTION CODE :

10145030-1XXK LF

RoHS COMPATIBLE, SEE NOTE 3

FOR CUSTOMER CODE :
BLANK = GENERAL USE

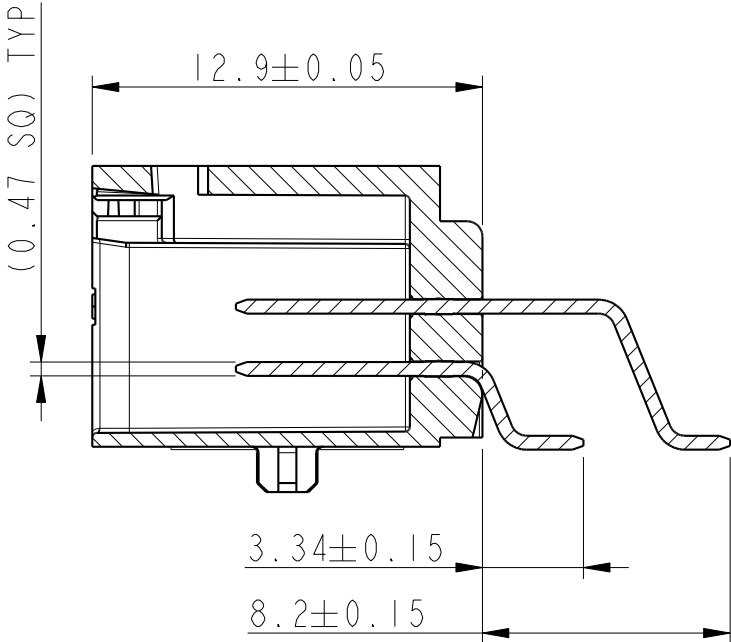
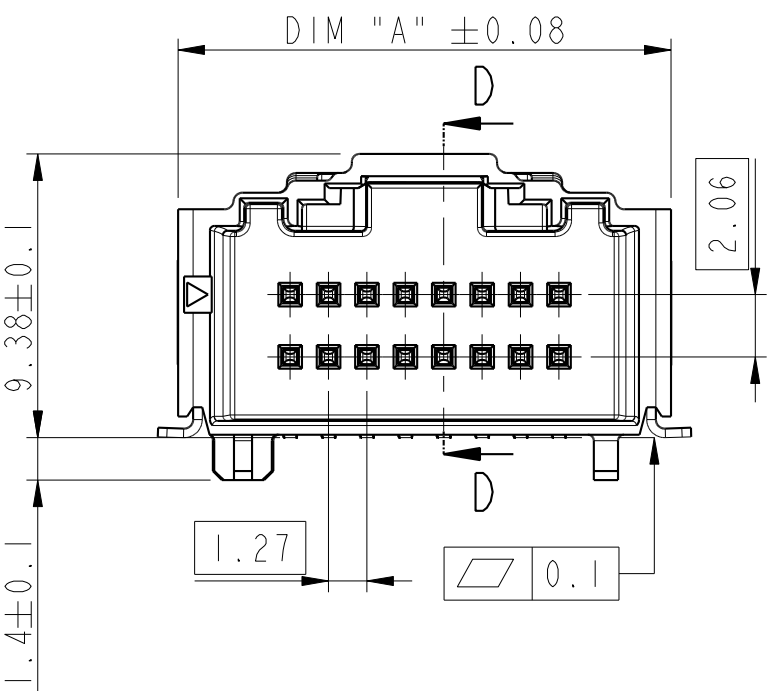
PACKAGING :
K = TAPE & REEL

NUMBER OF POSITIONS : 10 TO 30

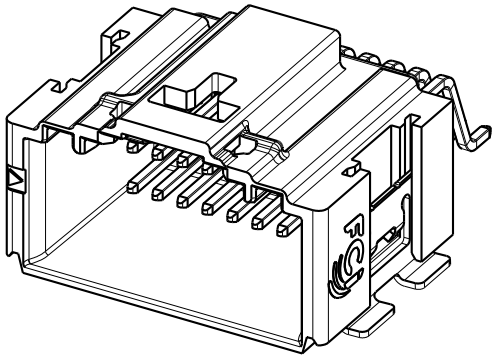
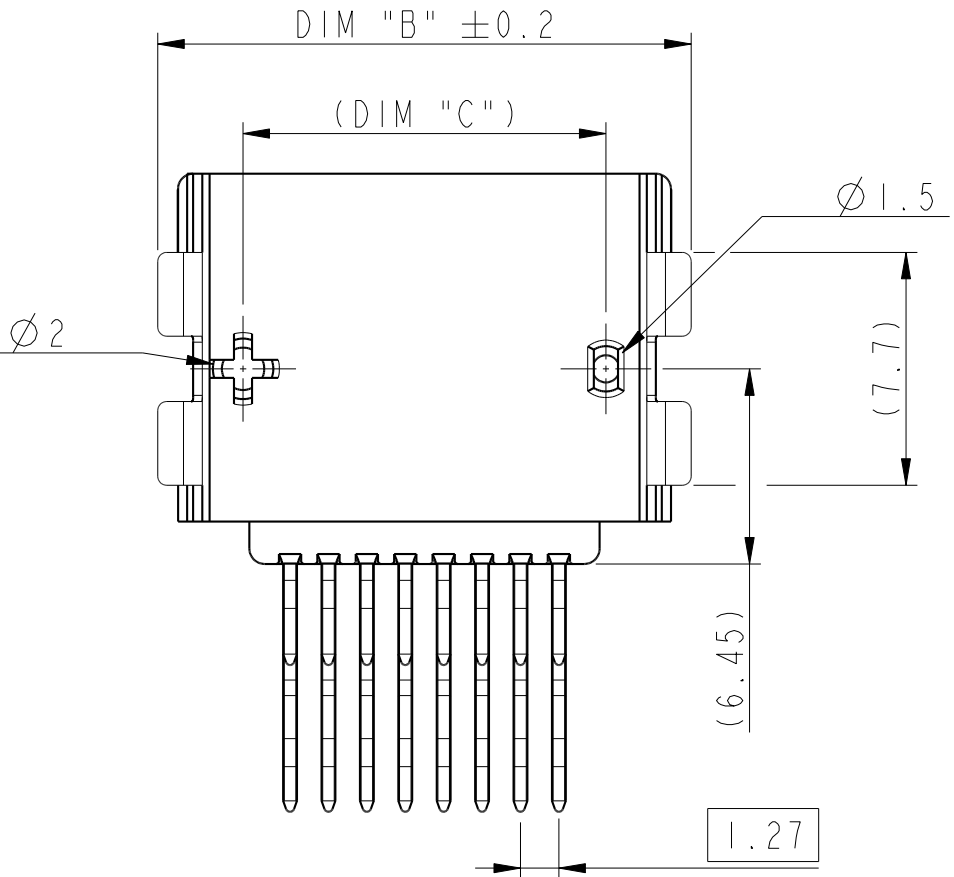
PLATING :
1 = 3µm MIN MATTE TIN (PREPLATED)
2 = 3µm MIN MATTE TIN (POST-PLATED)
3 = 0.76µm MIN GOLD (CONTACT AREA)
ALL OVER 1.27µm MIN NICKEL UNDERLAYER

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 10145028
- 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.
- 4 - PRODUCT SPECIFICATION : GS-12-1422
APPLICATION SPECIFICATION : GS-20-0513
PACKAGING SPECIFICATION : GS-14-2790



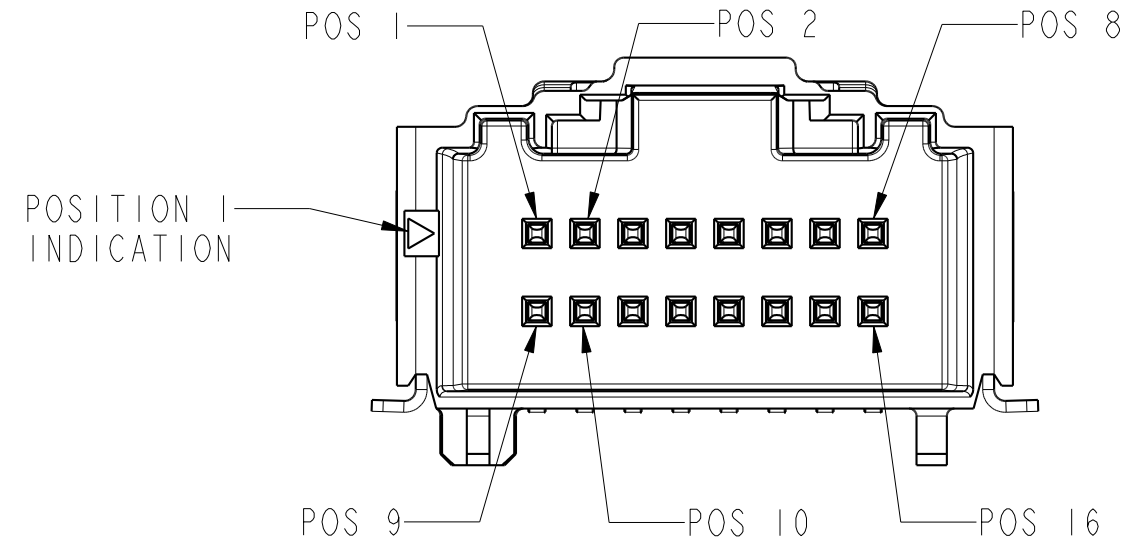
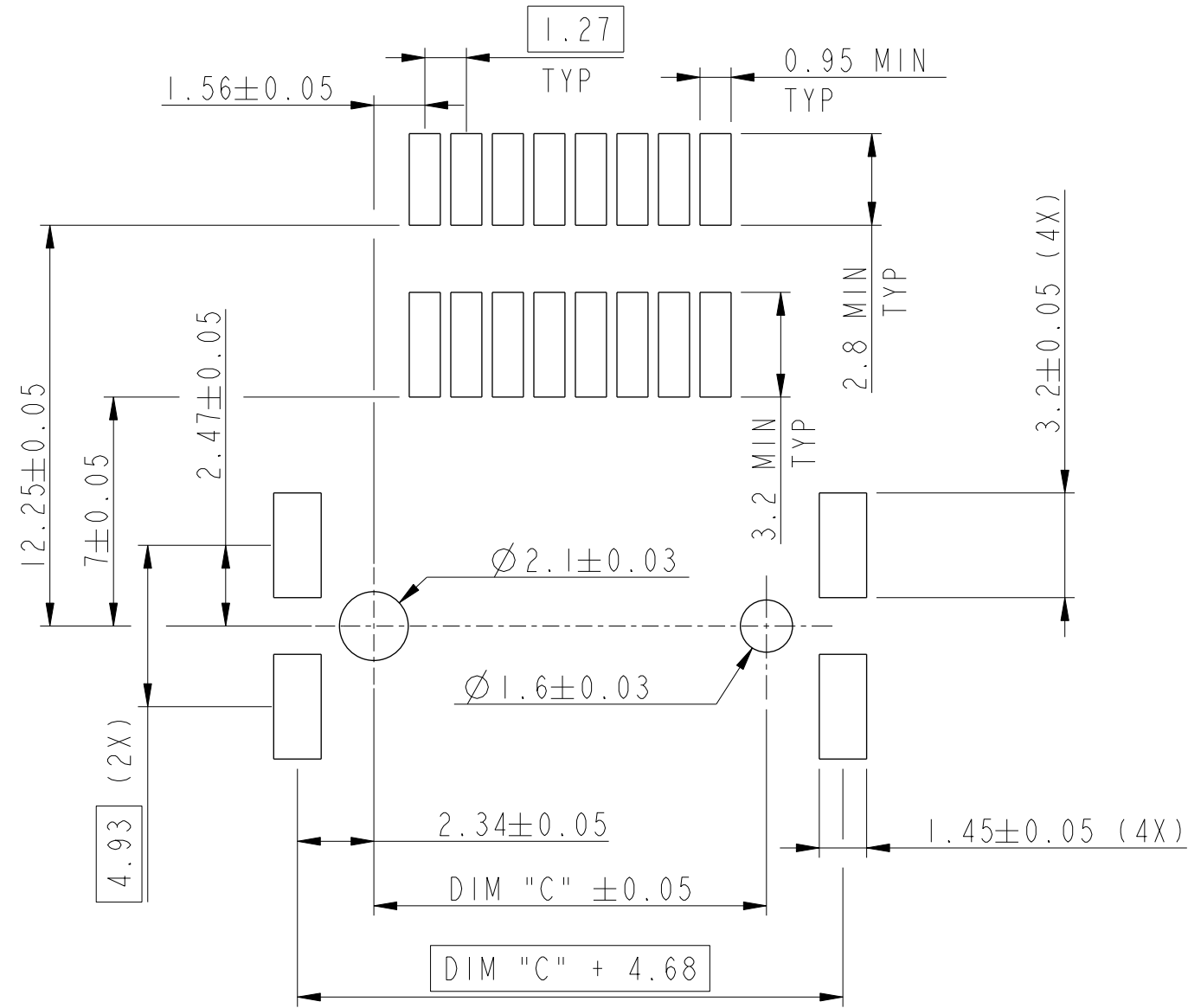
SECTION D-D



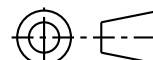
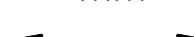
SCALE 3:1

spec ref		-		dr	Sawanth, Ambaa	2018/11/01	projection	mm	size	A3	scale	4:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Moisan, Gwenda	2022/08/18			ecn no	ELX-F-45685-1				
				chr	Canque, Vincen	2022/08/18			rel level	Released				
				appr	Vallière, Jérô	2022/08/19								
ISO 406							product family			-				
ISO 1101														
surface	linear	0.X	±0.3	Amphenol FCI	title	HEADER ASSEMBLY				dwg no	10145030		rev	B
		0.XX	±0.10											
		0.XXX	±0.005			MINITEK µSPACE STS DR 1.27 TOP LATCH								
	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"
10145030-114KLF	14	15.03	16.36	10.73
10145030-116KLF	16	16.30	17.63	12.00
10145030-118KLF	18	17.57	18.90	13.27
10145030-120KLF	20	18.84	20.17	14.54
10145030-122KLF	22	20.11	21.44	15.81
10145030-124KLF	24	21.38	22.71	17.08
10145030-126KLF	26	22.65	23.98	18.35
10145030-128KLF	28	23.92	25.25	19.62
10145030-130KLF	30	25.19	26.52	20.89



RECOMMENDED PCB LAYOUT
FOR SENCIL THICKNESS SEE APPLICATION SPEC

spec ref -				dr Sawanth, Ambaa		2018/11/01		projection 	mm 	size A3		scale 5:1			
tolerance std				eng Moisan, Gwenda		2022/08/18				ecn no ELX-F-45685-1					
ISO 406				chr Canque, Vincen		2022/08/18				rel level Released					
ISO 1101				appr Vallière, Jérô		2022/08/19									
TOLERANCES UNLESS OTHERWISE SPECIFIED				Amphenol FCI		title HEADER ASSEMBLY				dwg no 10145030				rev B	
surface 		linear		0.X		±0.3		cat. no. -		Product - Customer Drw				sheet 2 of 2	
				0.XX		±0.10									
				0.XXX		±0.005									
ISO 1302		angular		0°		±2°									