

PRODUCT DESCRIPTION CODE :

10146059-1XXK LF

RoHS COMPATIBLE, SEE NOTE 3

FOR CUSTOMER CODE :
BLANK = GENERAL USE

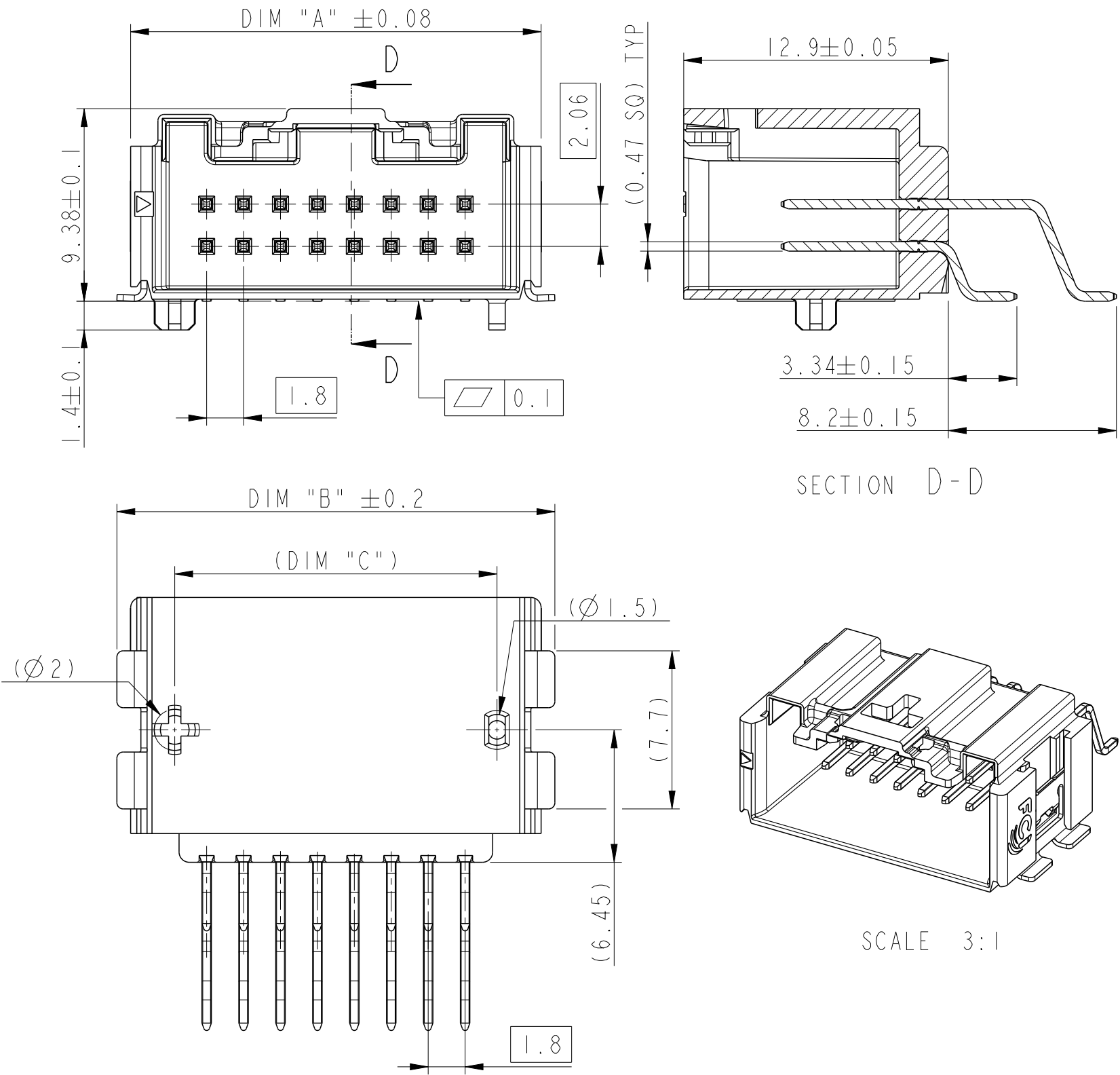
PACKAGING :
K = TAPE & REEL

NUMBER OF POSITIONS : 10 TO 30

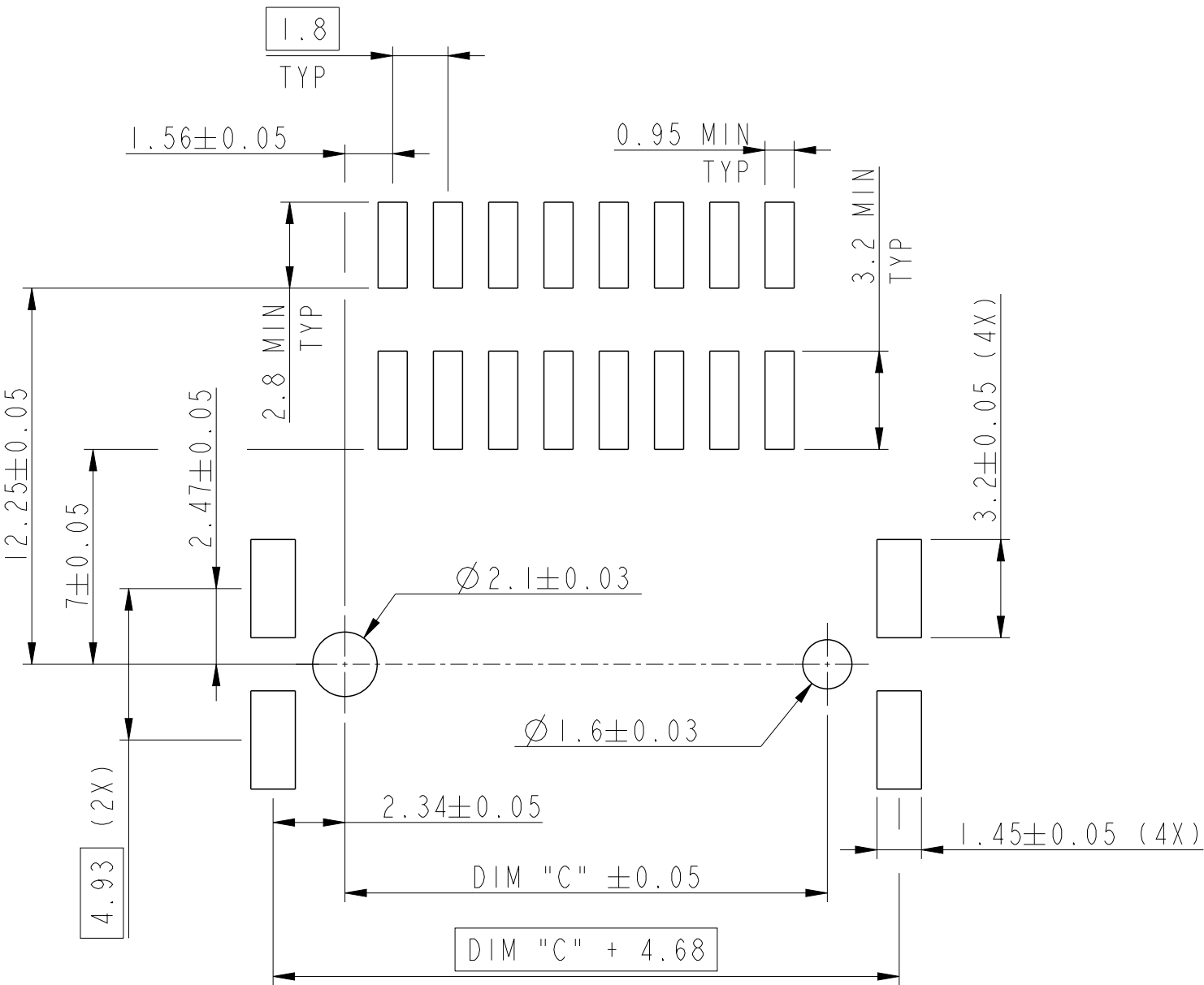
PLATING :
1 = 3µm MIN MATTE TIN (PREPLATED)
2 = 3µm MIN MATTE TIN (POST-PLATED)
3 = 0.76µm MIN GOLD (CONTACT AREA)
ALL OVER 1.27µm MIN NICKEL UNDERLAYER

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 10146061
- 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.

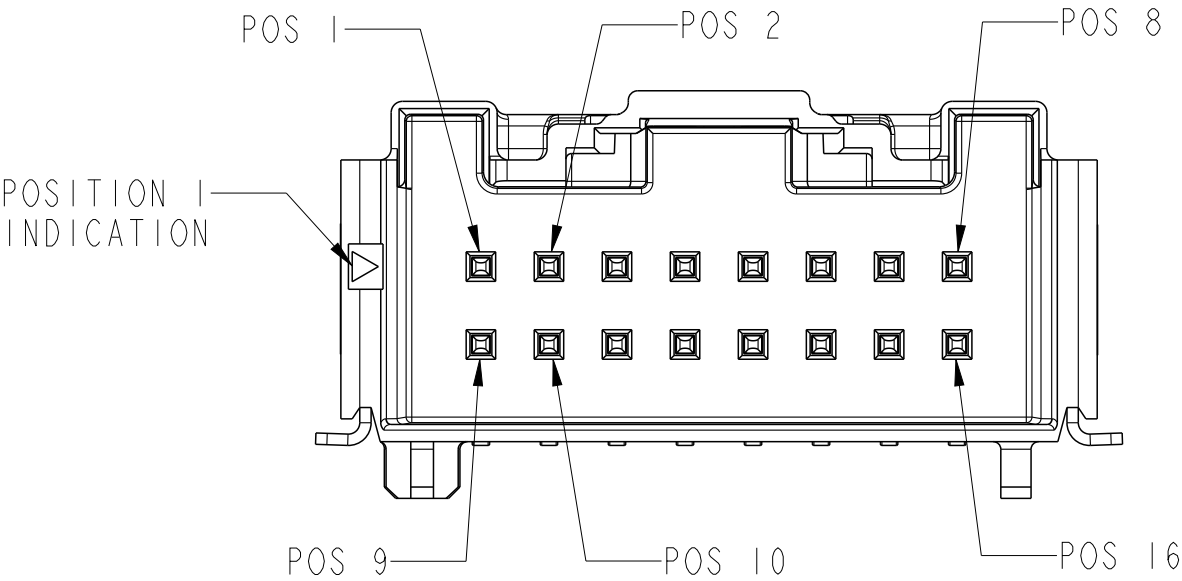


spec ref		-		dr	Sawanth, Ambaa	2018/11/26	projection 	mm 	size	A3	scale	4:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cyril Jeune	2019/04/05			ecn no	-			
				chr	Hyppias, Arnau	2019/04/05							
ISO 406				appr	Beatrice Vial	2019/04/05	product family	-	rel level	Released			
ISO 1101													
surface  ISO 1302	linear	0.X	±0.3	Amphenol FCI	title	HEADER ASSEMBLY MINITEK μSPACE STS DR 1.8 TOP LATCH			dwg no	10146059		rev	A
		0.XX	±0.10										
		0.XXX	±0.005										
	angular	0°	±2°										



RECOMMENDED PCB LAYOUT

PART NO	NO. OF POSN	DIM "A"	DIM "B"	DIM "C"
10146059-110KLF	10	14.61	15.95	10.31
10146059-112KLF	12	16.41	17.75	12.11
10146059-114KLF	14	18.21	19.55	13.91
10146059-116KLF	16	20.01	21.35	15.71
10146059-118KLF	18	21.81	23.15	17.51
10146059-120KLF	20	23.61	24.95	19.31
10146059-122KLF	22	25.41	26.75	21.11
10146059-124KLF	24	27.21	28.55	22.91
10146059-126KLF	26	29.01	30.35	24.71
10146059-128KLF	28	30.81	32.15	26.51
10146059-130KLF	30	32.61	33.95	28.31



POSITION NUMBER INDICATION FOR 16POS

spec ref -				dr		Sawanth, Ambaa		2018/11/26		projection		mm		size A3		scale 5:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Cyril Jeune		2019/04/05				ecn no -					
ISO 406																			
ISO 1101						chr		Hyppias, Arnau		2019/04/05				product family -		rel level Released			
		appr		Beatrice Vial		2019/04/05													
surface		linear		0.X		±0.3		Amphenol FCI		title		HEADER ASSEMBLY		dwg no		10146059		rev A	
				0.XX		±0.10													
				0.XXX		±0.005													
		ISO 1302		angular		0°													