

PRODUCT DESCRIPTION CODE :

10144642-1XXK LF

RoHS COMPATIBLE, SEE NOTE 3

FOR CUSTOMER CODE :
BLANK = GENERAL USE

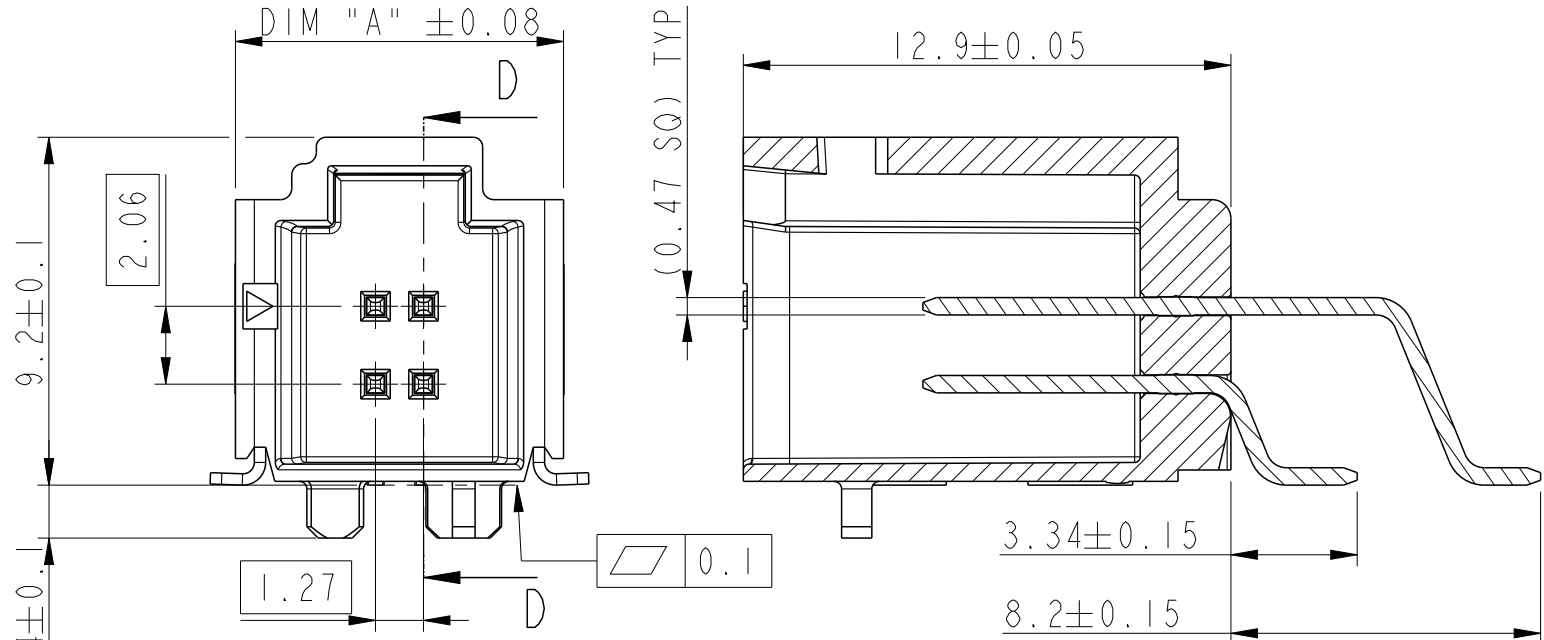
PACKAGING :
K = TAPE & REEL

NUMBER OF POSITIONS : 04 TO 12

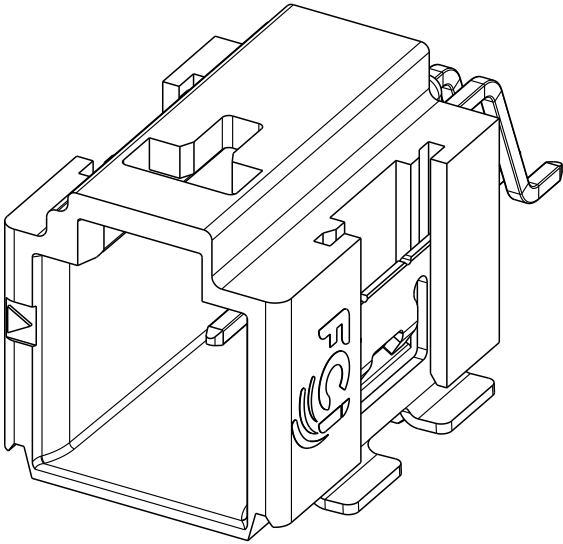
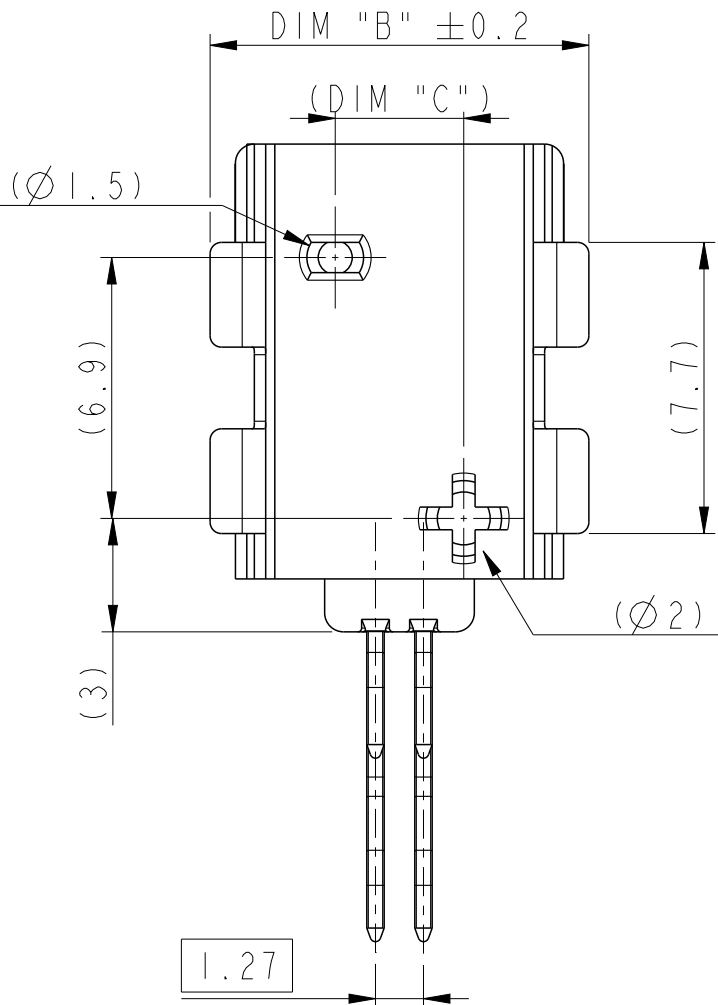
PLATING :
1 = 3µm MIN MATTE TIN (PREPLATED)
2 = 3µm MIN MATTE TIN (POST-PLATED)
3 = 0.76µm MIN GOLD (CONTACT AREA)
ALL OVER 1.27µm MIN NICKEL UNDERLAYER

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 10143816
- 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.



SECTION D-D



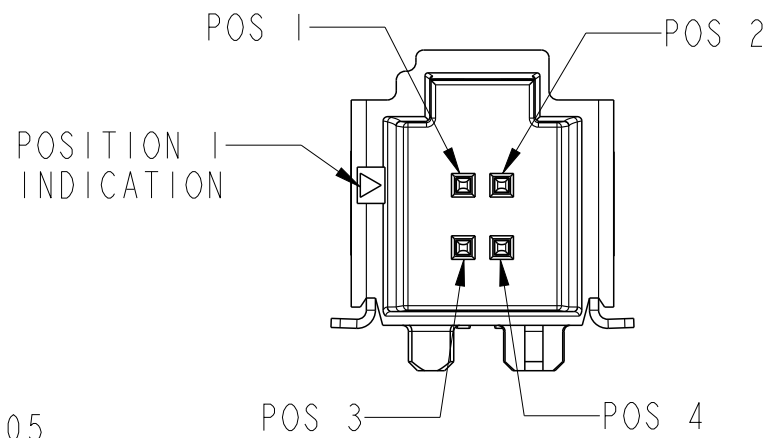
spec ref -				dr		Sawanth, Ambaa		2018/10/31		projection		mm		size		A3		scale		5:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Cyril Jeune		2019/04/05						ecn no -									
ISO 406																									
ISO 1101						chr		Hyppias, Arnau		2019/04/04						rel level Released									
		appr		Beatrice Vial		2019/04/04		product family -																	
surface		linear		0.X		±0.3		Amphenol FCI		title		HEADER ASSEMBLY		dwg no		10144642		rev		A					
																						0.XX		±0.10	
																						0.XXX		±0.05	
		ISO 1302		angular		0°																±2°		cat. no.	

A

B

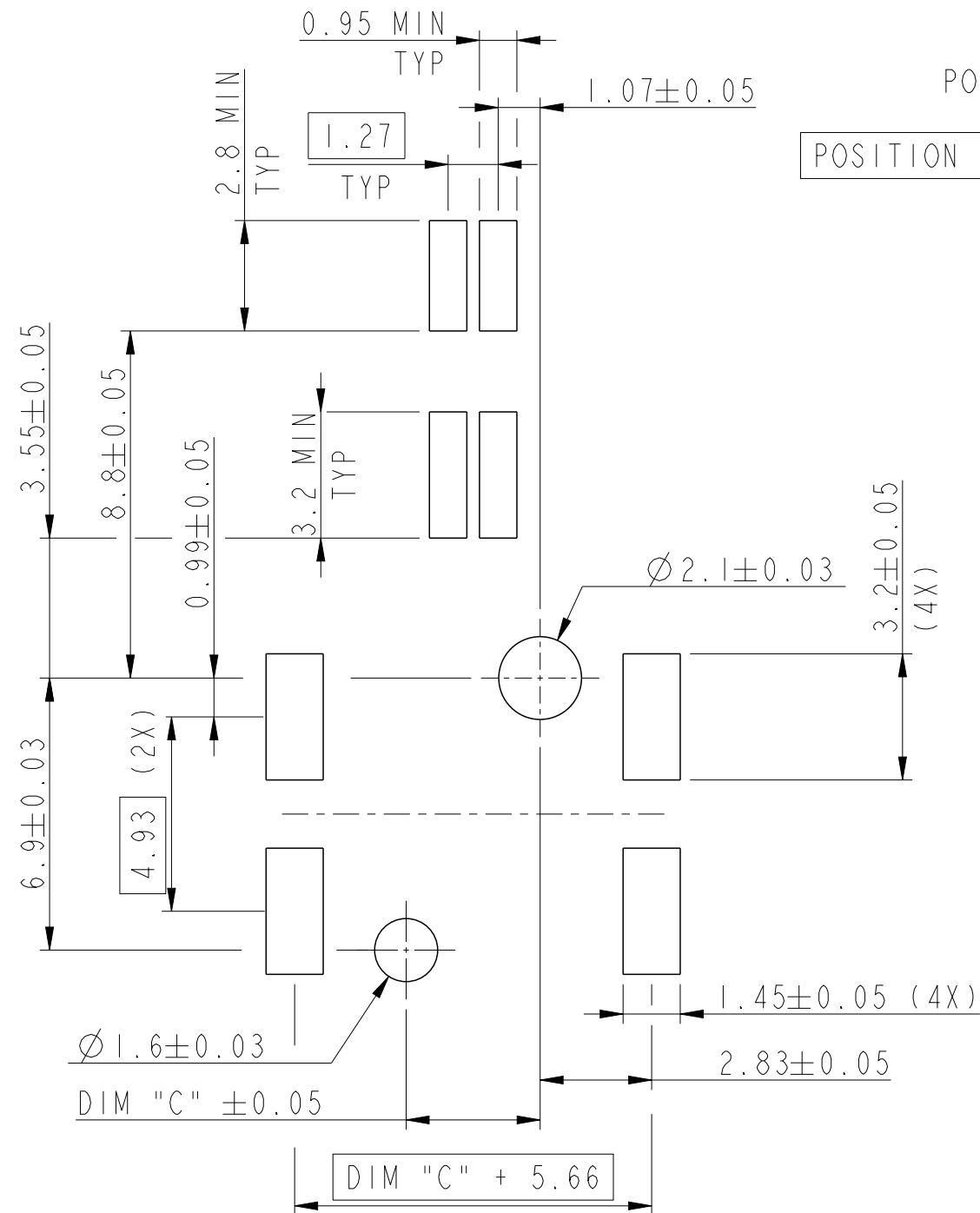
C

D



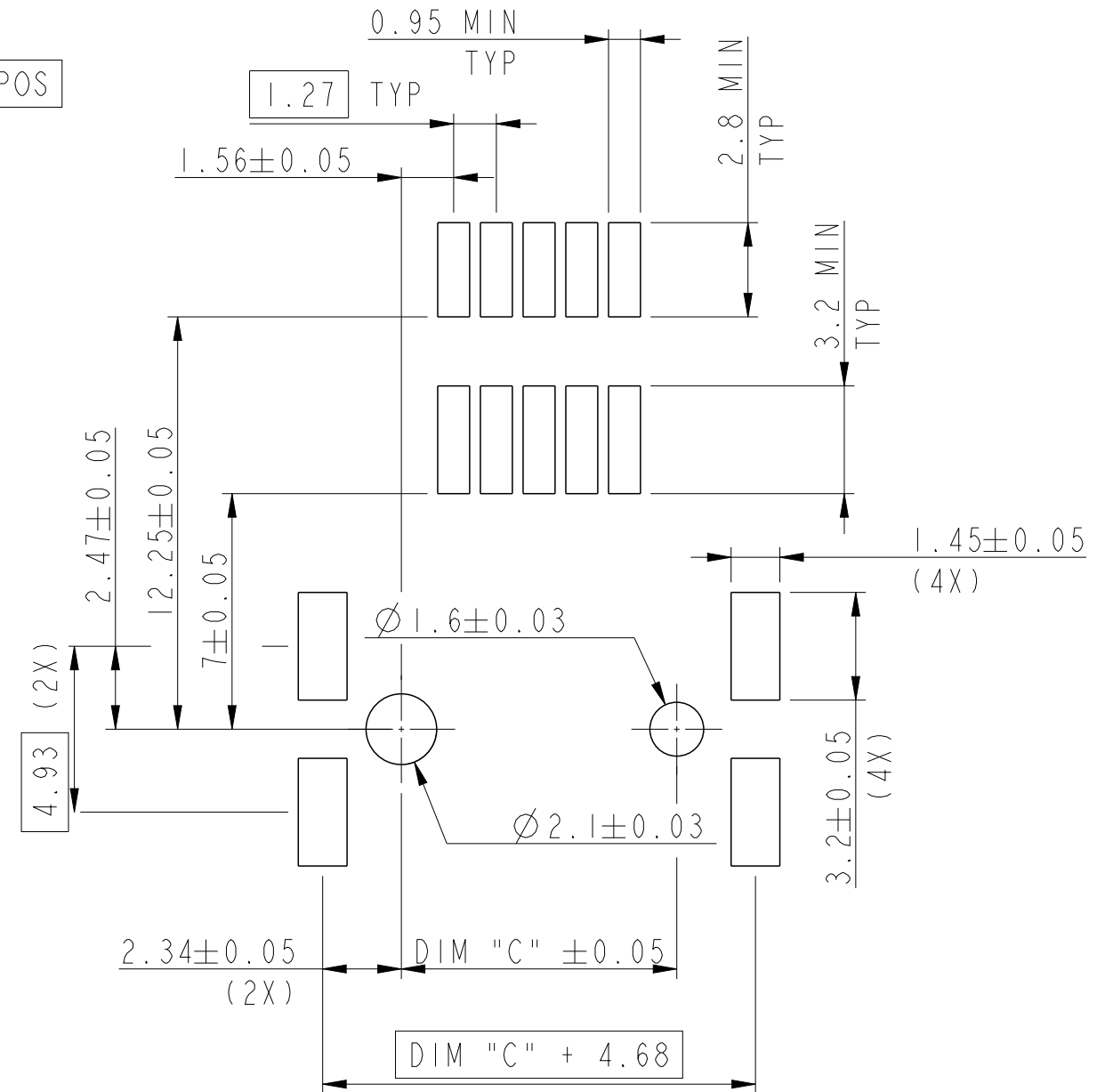
POSITION NUMBER INDICATION FOR 4POS

SCALE 4:1



RECOMMENDED PCB LAYOUT FOR 4 TO 8 POS

PART NO.	NO. OF POSN	DIM "A"	DIM "B"	DIM "C"
10144642-104KLF	04	8.68	10.02	3.40
10144642-106KLF	06	9.95	11.29	4.67
10144642-108KLF	08	11.22	12.56	5.94
10144642-110KLF	10	12.49	13.83	8.19
10144642-112KLF	12	13.76	15.10	9.46



RECOMMENDED PCB LAYOUT FOR 10 TO 12 POS

spec ref -				dr	Sawanth, Ambaa	2018/10/31	projection mm	size	A3	scale	5:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cyril Jeune	2019/04/05		ecn no -			
				chr	Hyppias, Arnau	2019/04/04					
				appr	Beatrice Vial	2019/04/04		product family -			
surface ISO 1302	linear	0.X	±0.3	Amphenol FCI	title HEADER ASSEMBLY			dwg no	10144642		rev A
		0.XX	±0.10								
		0.XXX	±0.05		MINITEK μSPACE STS DR 1.27 TOP LATCH						
	angular	0°	±2°	cat. no. -				Product - Customer Drw			sheet 2 of 2

HEADER ASSEMBLY
MINITEK µSPACE STS DR 1.27 TOP LATCH

dwg no 10144642
rev A