

PRODUCT DESCRIPTION CODE :

10143785-YXXX LF

RoHS COMPATIBLE, SEE NOTE 3

CUSTOMER CODE:
BLANK=GENERAL USE

PACKAGING:
K = TAPE & REEL

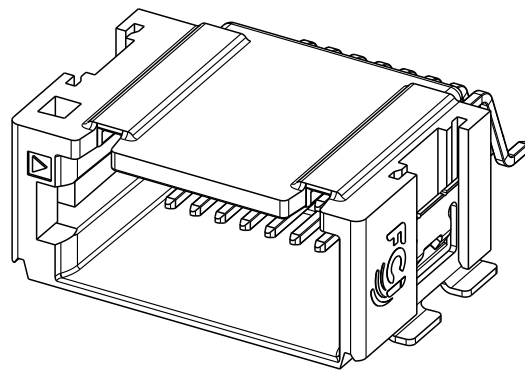
NUMBER OF POSITIONS: 04 TO 30

PLATING :

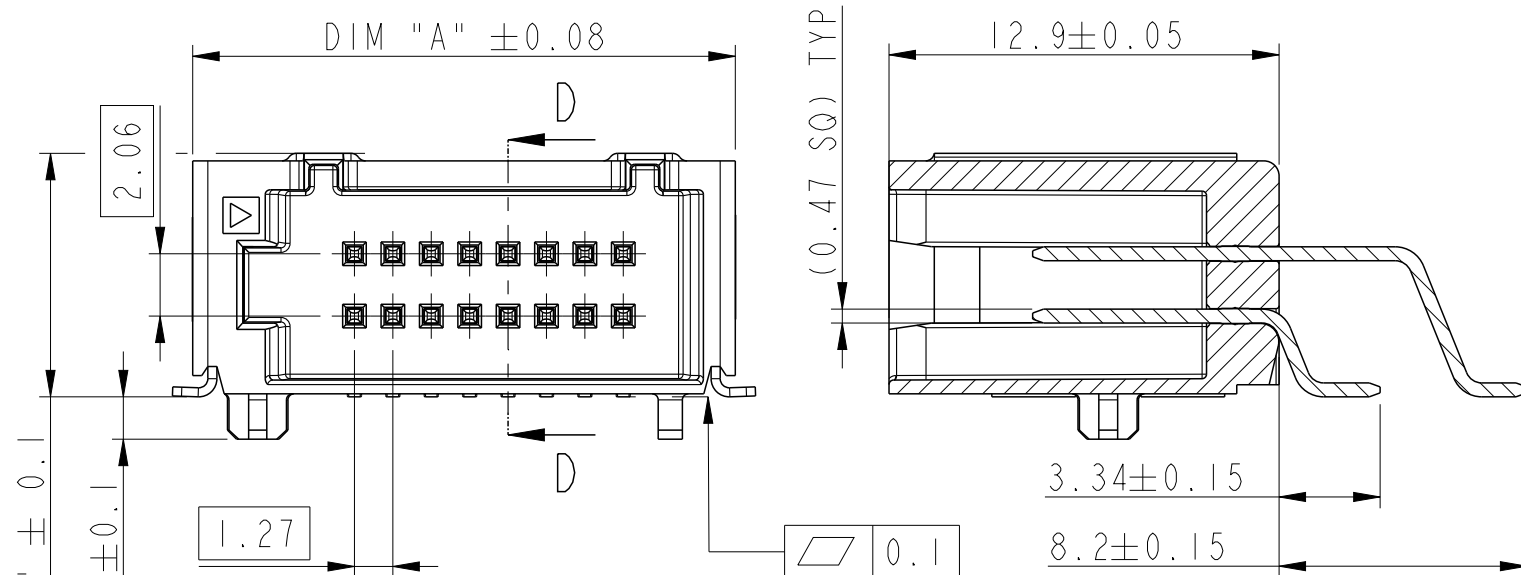
- 1 = 3µm MIN MATTE TIN (PREPLATED)
- 2 = 3µm MIN MATTE TIN (POST-PLATED)
- 3 = 0.76µm MIN GOLD (CONTACT AREA)
- ALL OVER 1.27µm MIN NICKEL UNDERLAYER

NOTES:

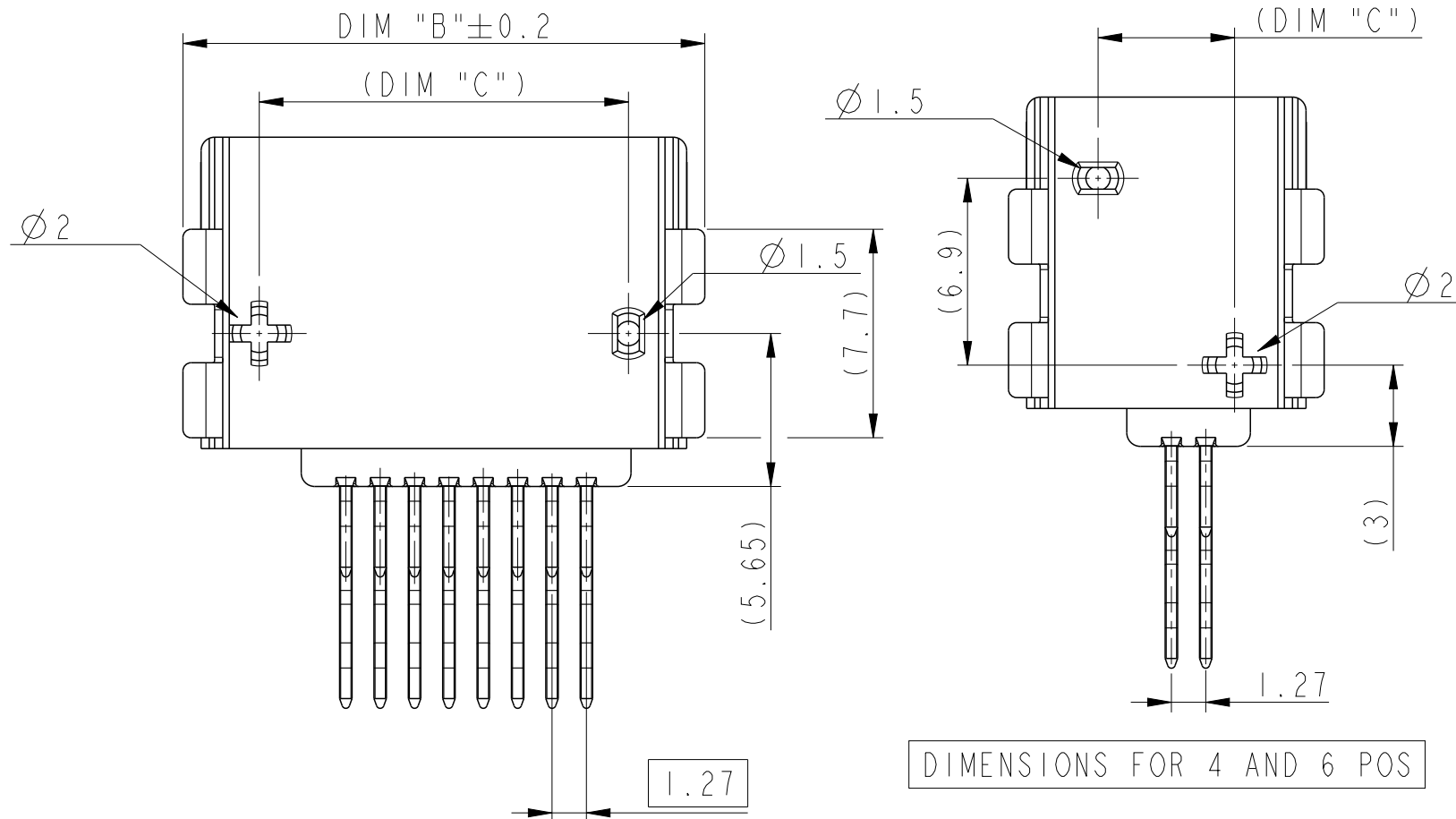
- 1 - MATERIAL:
HOUSING : HIGH TEMPERATURE THERMOPLASTIC
COLOR BLACK UL94 V-0
PIN : HIGH CURRENT COPPER ALLOY
- 2 - TO BE MATED WITH MINITEK µSPACE RECEPTACLE SERIES 10143765
- 3 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - a - PLATING:
"LF" MEANS THE PRODUCT IS LEAD FREE,
3µm MINIMUM MATTE TIN OVER 1.27µm 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



SECTION D-D



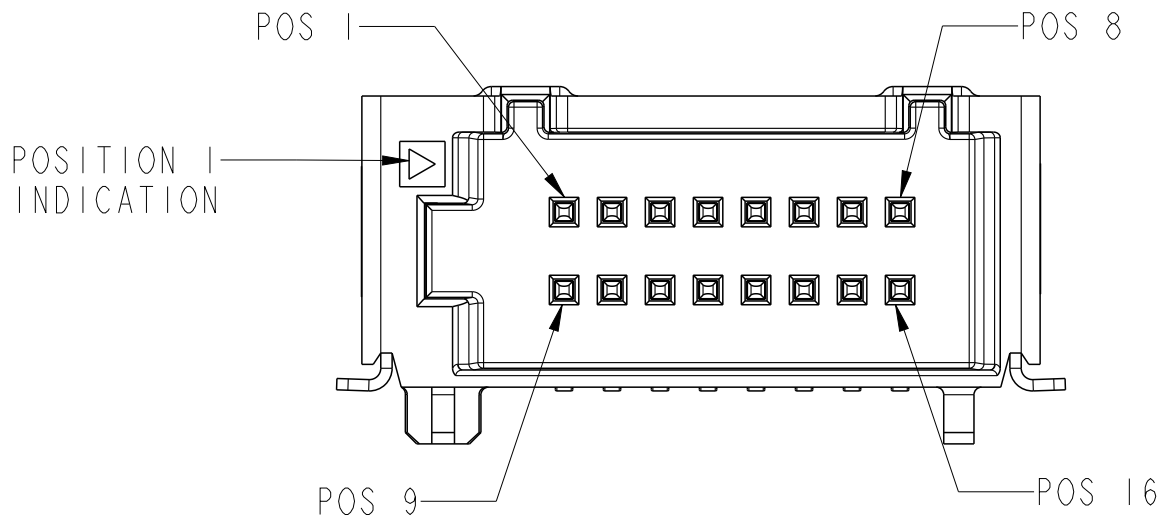
spec ref		-		dr	Sawanth, Ambaa	2018/10/31	projection	mm	size	A3	scale	4:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cyril Jeune	2019/08/22			ecn no	-				
				chr	Hyppias, Arnau	2019/08/21								
				appr	Beatrice Vial	2019/08/21							product family	
surface ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	HEADER ASSEMBLY				dwg no	10143785		rev	A
		0.XX	±0.10											
		0.XXX	±0.005											
	angular	0°	±2°											

A

B

C

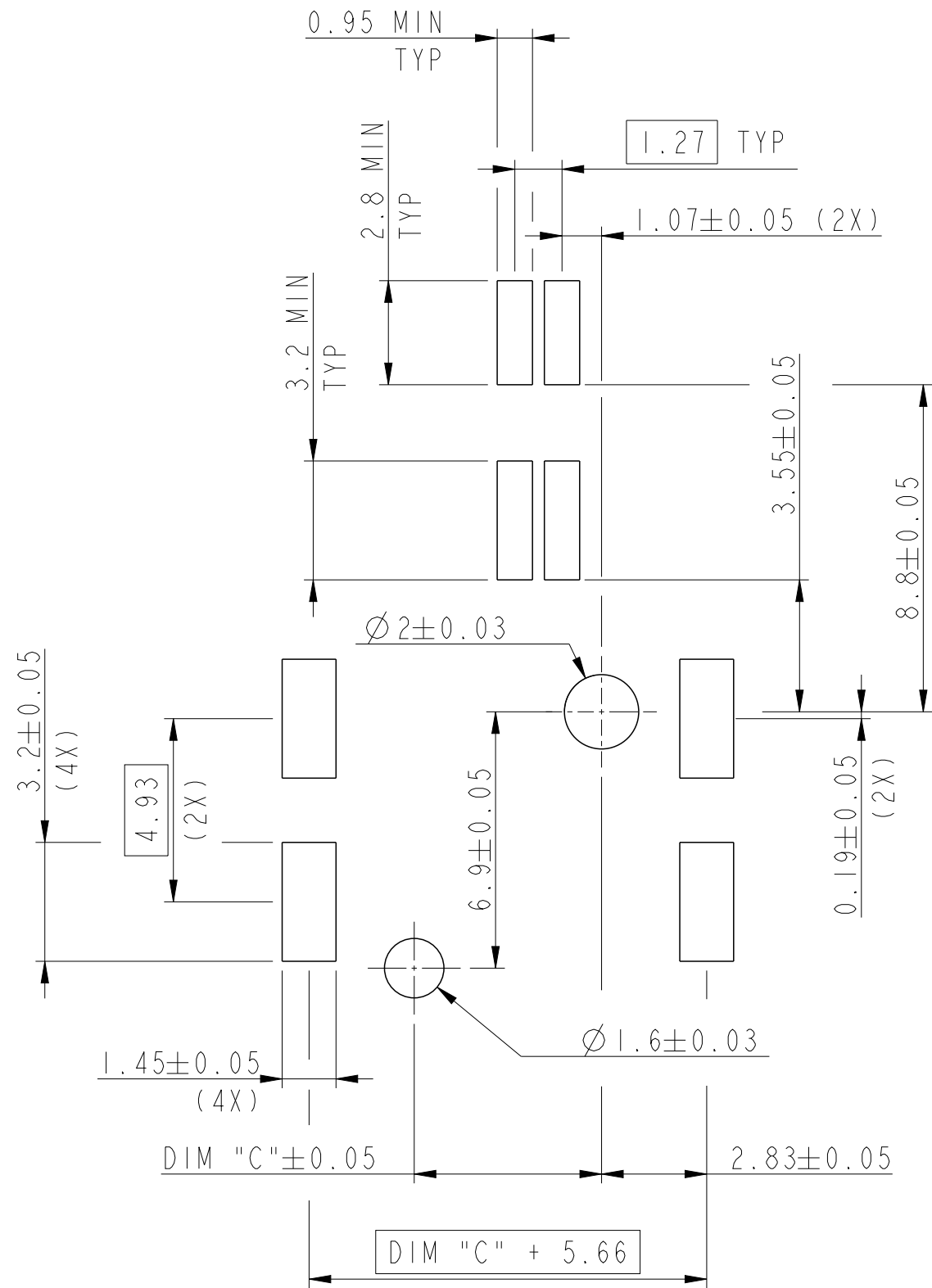
D



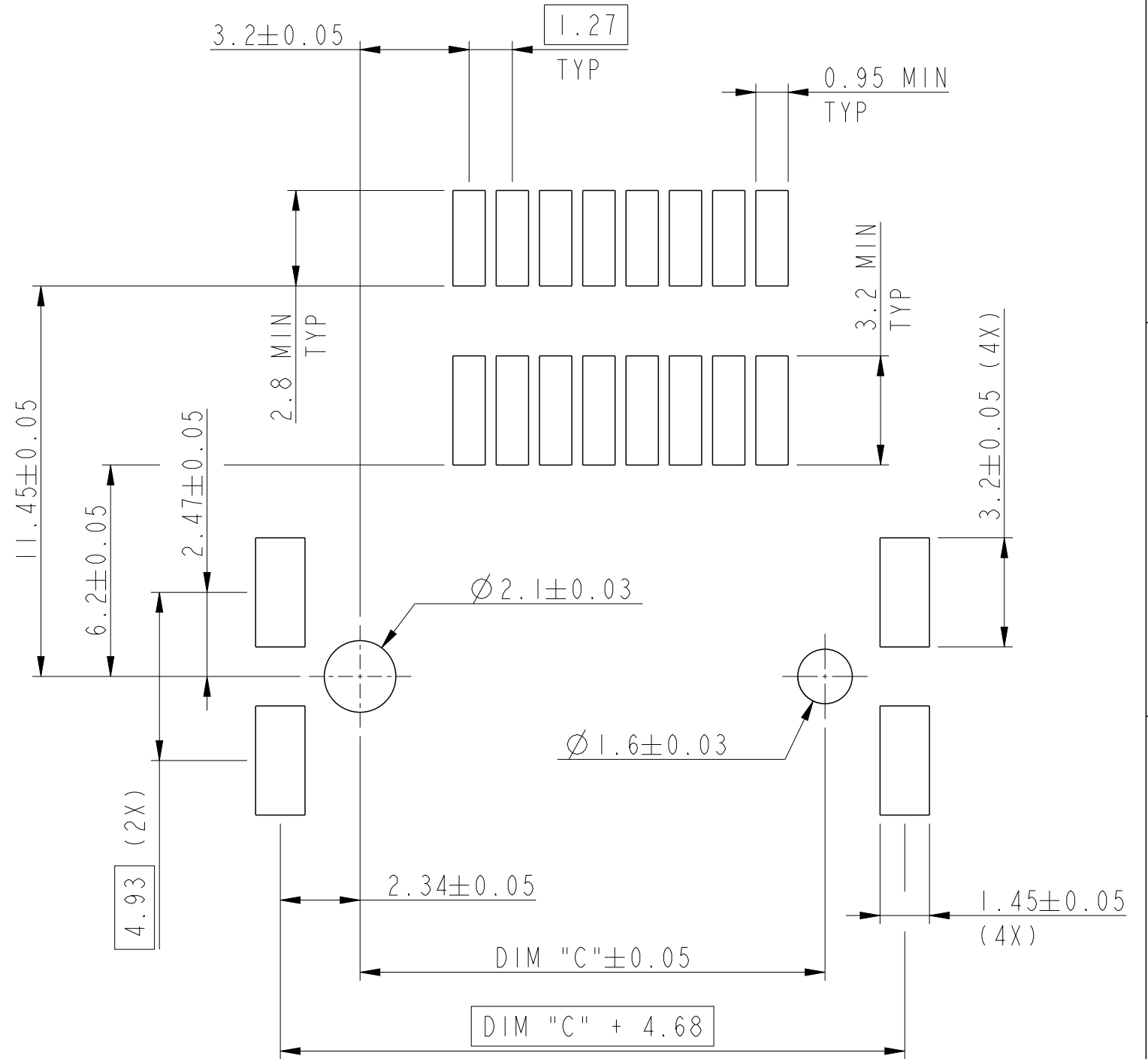
POSITION NUMBER INDICATION FOR 16POS VERSION

PART NO.	NO. OF POSN	DIM "A"	DIM "B"	DIM "C"	DIM "D"
10143785-Y04XLF	04	10.32	11.66	5.04	7.80
10143785-Y06XLF	06	11.59	12.93	6.31	8.05
10143785-Y08XLF	08	12.86	14.20	8.56	8.05
10143785-Y10XLF	10	14.13	15.47	9.83	8.05
10143785-Y12XLF	12	15.40	16.74	11.10	8.05
10143785-Y14XLF	14	16.67	18.01	12.37	8.05
10143785-Y16XLF	16	17.94	19.28	13.64	8.05
10143785-Y18XLF	18	19.21	20.55	14.91	8.05
10143785-Y20XLF	20	20.48	21.82	16.18	8.05
10143785-Y22XLF	22	21.75	23.09	17.45	8.05
10143785-Y24XLF	24	23.02	24.36	18.72	8.05
10143785-Y26XLF	26	24.29	25.63	19.99	8.05
10143785-Y28XLF	28	25.56	26.90	21.26	8.05
10143785-Y30XLF	30	26.83	28.17	22.53	8.05

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		2019/08/22						ecn no -	
								chr		Hyppias, Arnau		2019/08/21						rel level Released	
								appr		Beatrice Vial		2019/08/21							
										product family -									
surface ISO 1302		linear		0.X		±0.3		Amphenol FCI		title HEADER ASSEMBLY MINITEK µSPACE STS DR 1.27 SIDE LATCH		dwg no 10143785		rev A					
				0.XX		±0.10													
				0.XXX		±0.005													
		angular		0°		±2°				cat. no. -		Product - Customer Drw				sheet 2 of 3			



RECOMMENDED PCB LAYOUT FOR 04 & 06 POS



RECOMMENDED PCB LAYOUT FOR 08 TO 30 POS

spec ref -				dr		Sawanth, Ambaa	2018/10/31		projection		mm		size		A3		scale		5:1	
tolerance std				eng		Cyril Jeune		2019/08/22						ecn no		-				
ISO 406				chr		Hyppias, Arnau		2019/08/21						rel level		Released				
ISO 1101				appr		Beatrice Vial		2019/08/21						product family		-				
surface		linear	0.X	±0.3		Amphenol FCI		title		HEADER ASSEMBLY		dwg no		10143785		rev		A		
			0.XX	±0.10																
			0.XXX	±0.005																
ISO 1302		angular	0°	±2°				cat. no.		-		Product - Customer Drw		sheet 3 of 3						