

PRODUCT DESCRIPTION CODE :

10143746-1XXK LF

RoHS COMPATIBLE, SEE NOTE 3

FOR CUSTOMER CODE :
BLANK = GENERAL USE

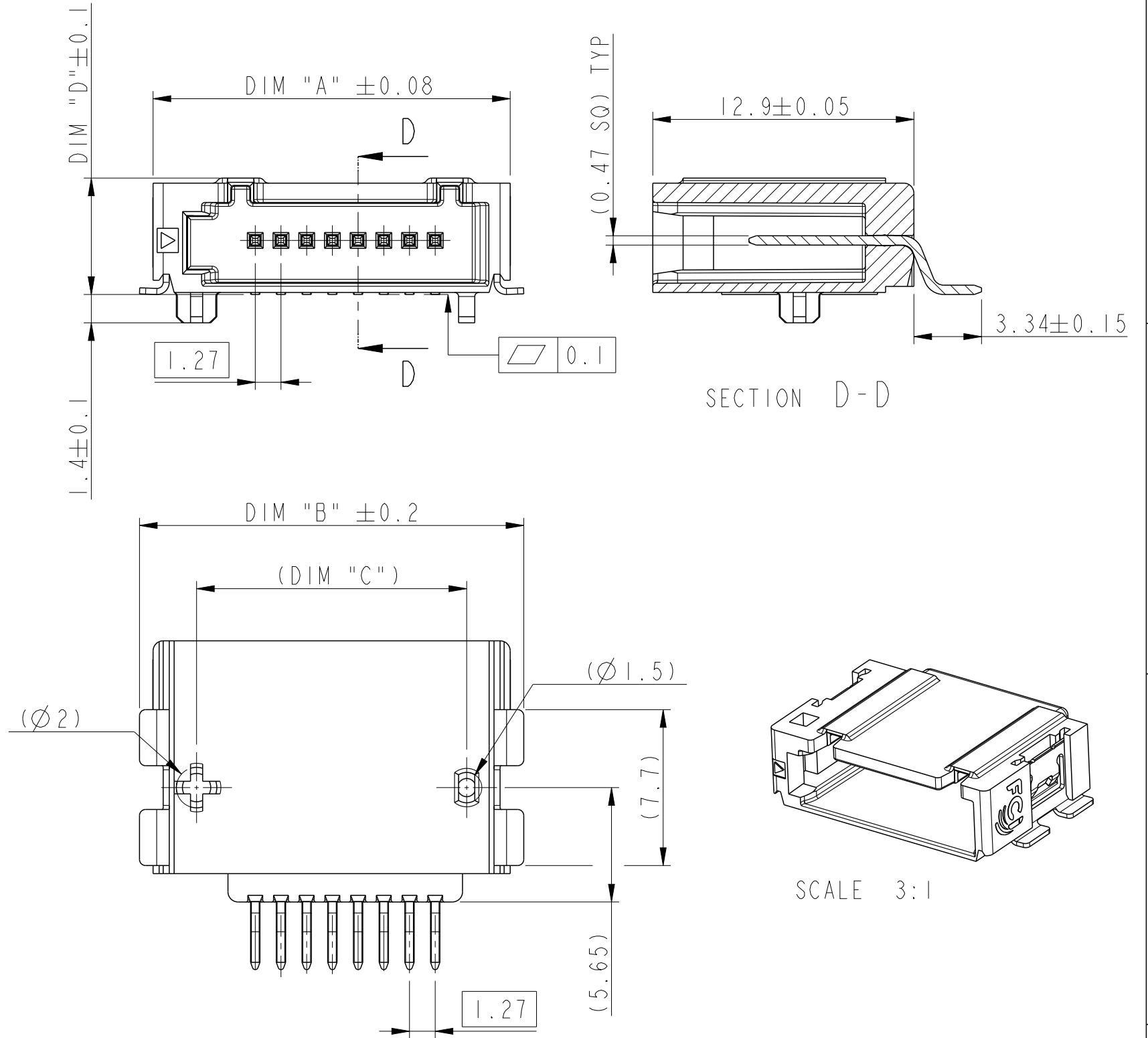
PACKAGING :
K = TAPE & REEL

NUMBER OF POSITIONS : 02 TO 15

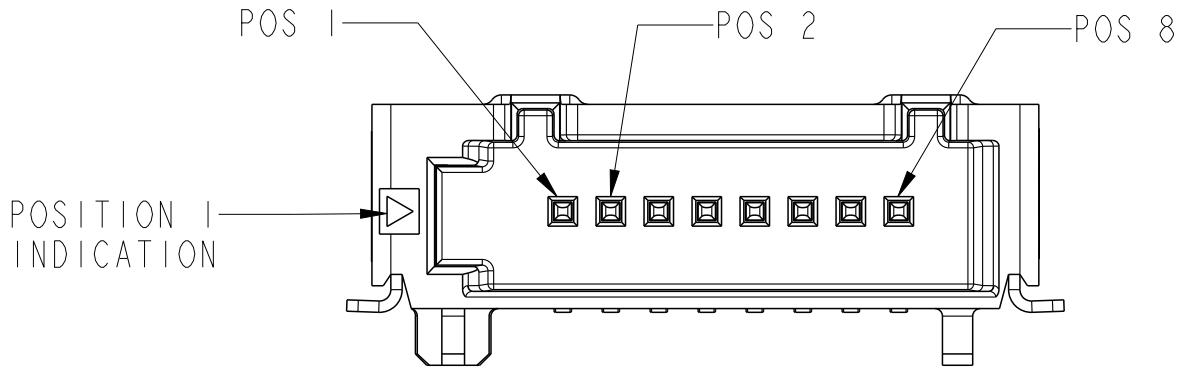
PLATING :
1 = 3µm MIN MATTE TIN (PREPLATED)
2 = 3µm MIN MATTE TIN (POST-PLATED)
3 = 0.76µm MIN GOLD (CONTACT AREA)
ALL OVER 1.27µm MIN NICKEL UNDERLAYER

NOTES:

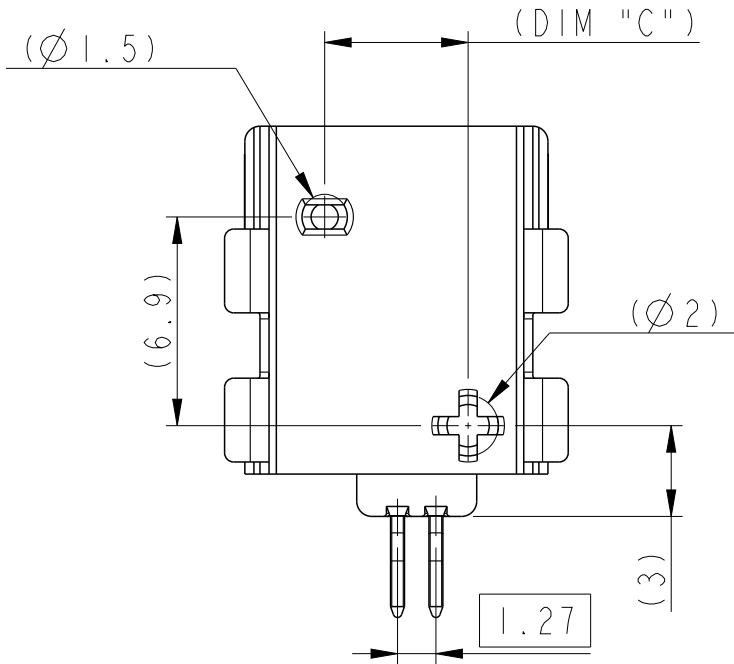
- 1 - MATERIAL:
HOUSING : HIGH TEMPERATURE THERMOPLASTIC
COLOR BLACK UL94 V-0
PIN : HIGH CURRENT COPPER ALLOY
- 2 - TO BE MATED WITH MINITEK µSPACE RECEPTACLE SERIES
10143740
- 3 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - a - PLATING:
"LF" MEANS THE PRODUCT IS LEAD FREE,
3µm MINIMUM MATTE TIN OVER 1.27µm 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	2018/10/31	projection mm	size	A3	scale	4:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cyril Jeune	2019/07/30		ecn no -			
				chr	Hyppias, Arnau	2019/07/30					
								appr	Beatrice Vial	2019/07/30	product family -
surface ISO 1302	linear	0.X	±0.3	Amphenol FCi	title HEADER ASSEMBLY MINITEK μSPACE STS 1.27 SIDE LATCH			dwg no 10143746			rev A
		0.XX	±0.10								
		0.XXX	±0.005								
	angular		0°	±2°	cat. no. -		Product - Customer Drw			sheet 1 of 3	



PART NO.	NO. OF POSN	DIM "A"	DIM "B"	DIM "C"	DIM "D"
10143746-102KLF	02	10.02	11.36	04.74	5.50
10143746-103KLF	03	11.29	12.63	06.01	5.75
10143746-104KLF	04	12.56	13.90	08.26	5.75
10143746-105KLF	05	13.83	15.17	09.53	5.75
10143746-106KLF	06	15.10	16.44	10.80	5.75
10143746-107KLF	07	16.37	17.71	12.07	5.75
10143746-108KLF	08	17.64	18.98	13.34	5.75
10143746-109KLF	09	18.91	20.25	14.61	5.75
10143746-110KLF	10	20.18	21.52	15.88	5.75
10143746-111KLF	11	21.45	22.79	17.15	5.75
10143746-112KLF	12	22.72	24.06	18.42	5.75
10143746-113KLF	13	23.99	25.33	19.69	5.75
10143746-114KLF	14	25.26	26.60	20.96	5.75
10143746-115KLF	15	26.53	27.87	22.23	5.75



SCALE 4:1

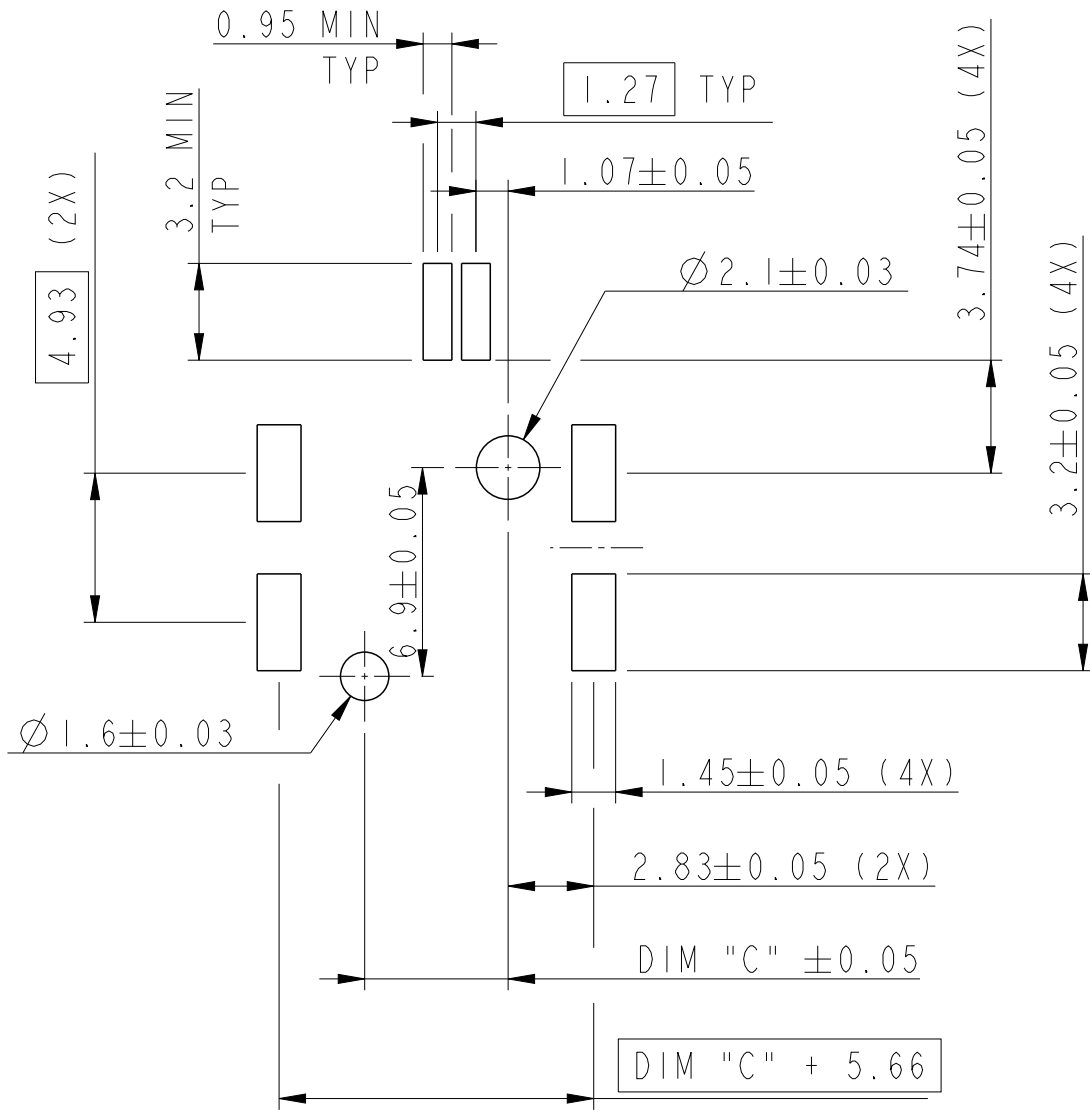
spec ref -				dr		Sawanth, Ambaa		2018/10/31		projection		mm		size		A3		scale		5:1			
tolerance std				eng		Cyril Jeune		2019/07/30						ecn no -		rel level Released							
ISO 406				chr		Hyppias, Arnau		2019/07/30															
ISO 1101				appr		Beatrice Vial		2019/07/30															
										product family		-											
surface ISO 1302				linear		0.X		±0.3		Amphenol FCI		title		HEADER ASSEMBLY		dwg no		10143746		rev		A	
						0.XX		±0.10															
						0.XXX		±0.005															
				angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 2 of 3					

A

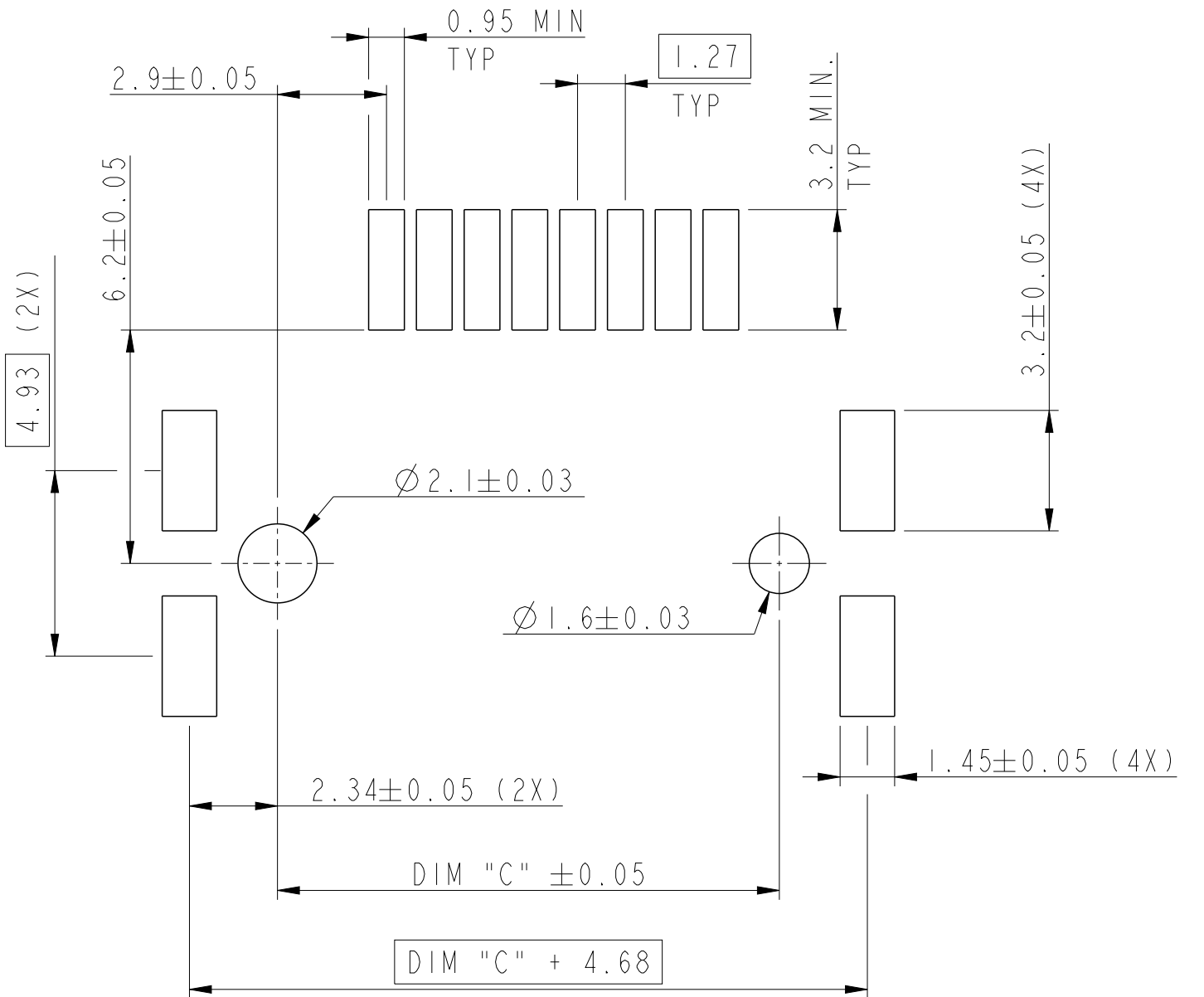
B

C

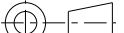
D



RECOMMENDED PCB LAYOUT FOR 2 AND 3 POS



RECOMMENDED PCB LAYOUT FROM 4 TO 15 POS

spec ref -				dr		Sawanth, Ambaa	2018/10/31	projection 	mm 	size	A3	scale	6:1			
tolerance std				eng		Cyril Jeune	2019/07/30			ecn no -						
ISO 406				chr		Hyppias, Arnau	2019/07/30			rel level						
ISO 1101				appr		Beatrice Vial	2019/07/30			Released						
surface ISO 1302 				linear	0.X	±0.3	Amphenol FCI title HEADER ASSEMBLY MINITEK μSPACE STS 1.27 SIDE LATCH				dwg no 10143746				rev	A
					0.XX	±0.10										
					0.XXX	±0.005										
				angular	0°	±2°	cat. no.		-	Product - Customer Drw				sheet 3 of 3		

A

B

C

D