

PRODUCT DESCRIPTION CODE :

10144700-1XXK LF

RoHS COMPATIBLE, SEE NOTE 3

FOR CUSTOMER CODE :
BLANK = GENERAL USE

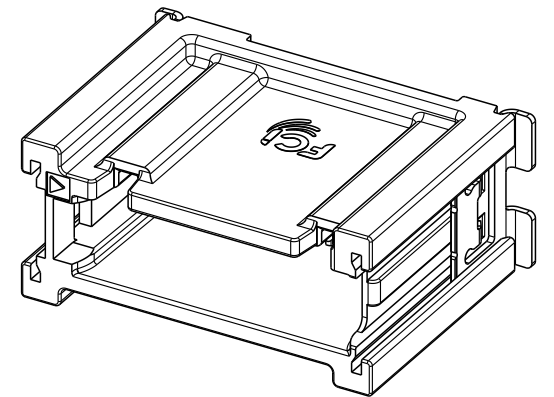
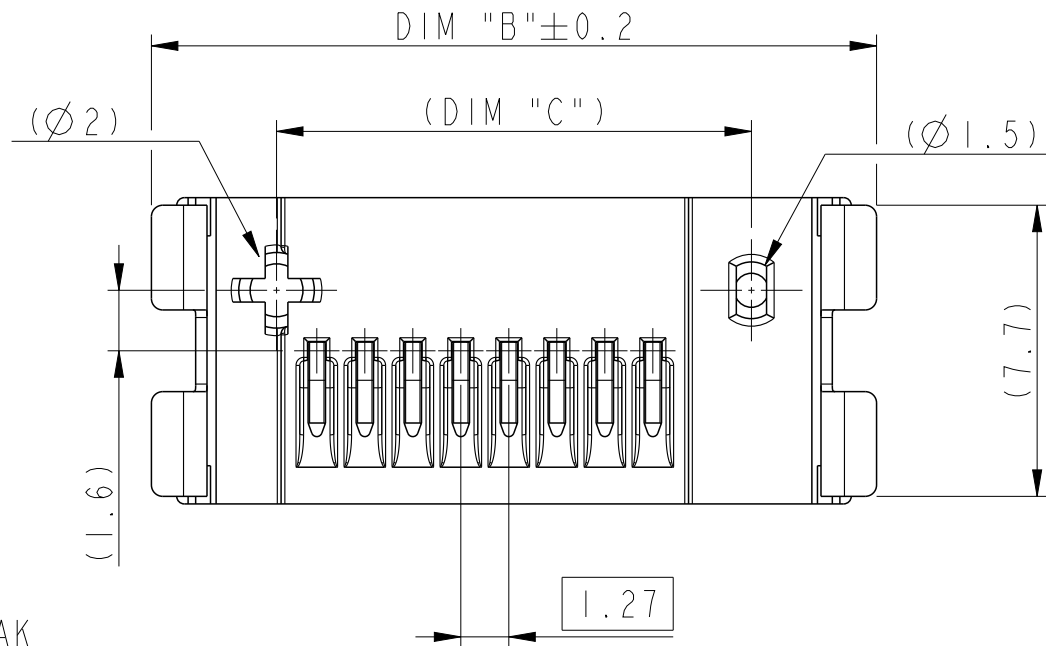
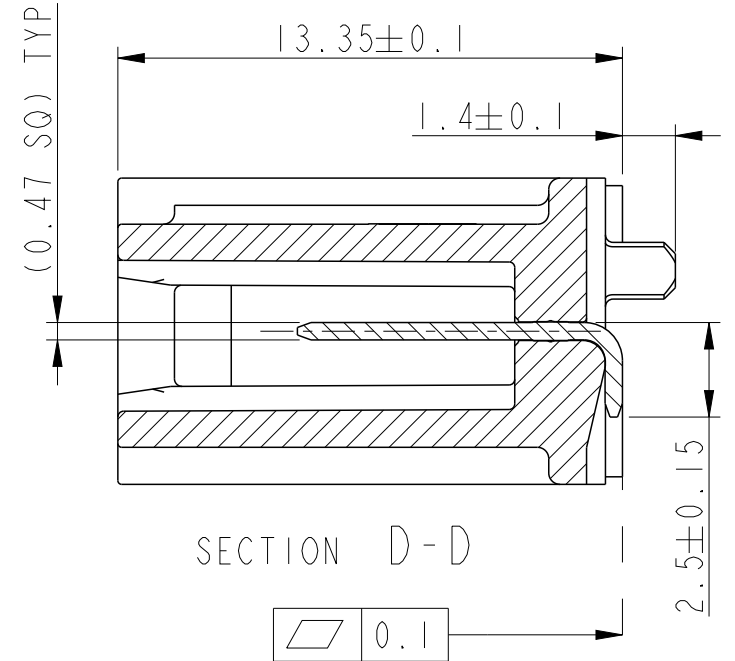
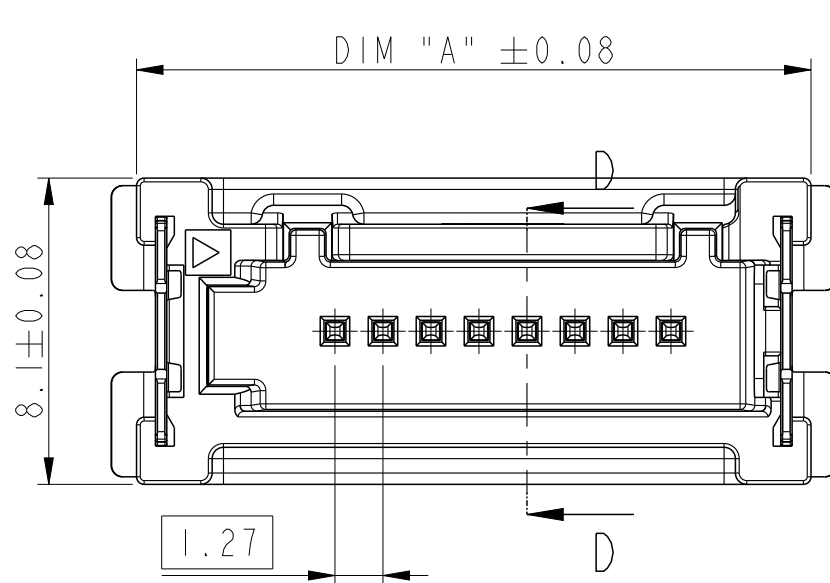
PACKAGING :
K = TAPE & REEL

NUMBER OF POSITIONS : 02 TO 15

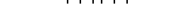
PLATING :
1 = 3µm MIN MATTE TIN (PREPLATED)
2 = 3µm MIN MATTE TIN (POST-PLATED)
3 = 0.76µm MIN GOLD (CONTACT AREA)
ALL OVER 1.27µm MIN NICKEL UNDERLAYER

NOTES:

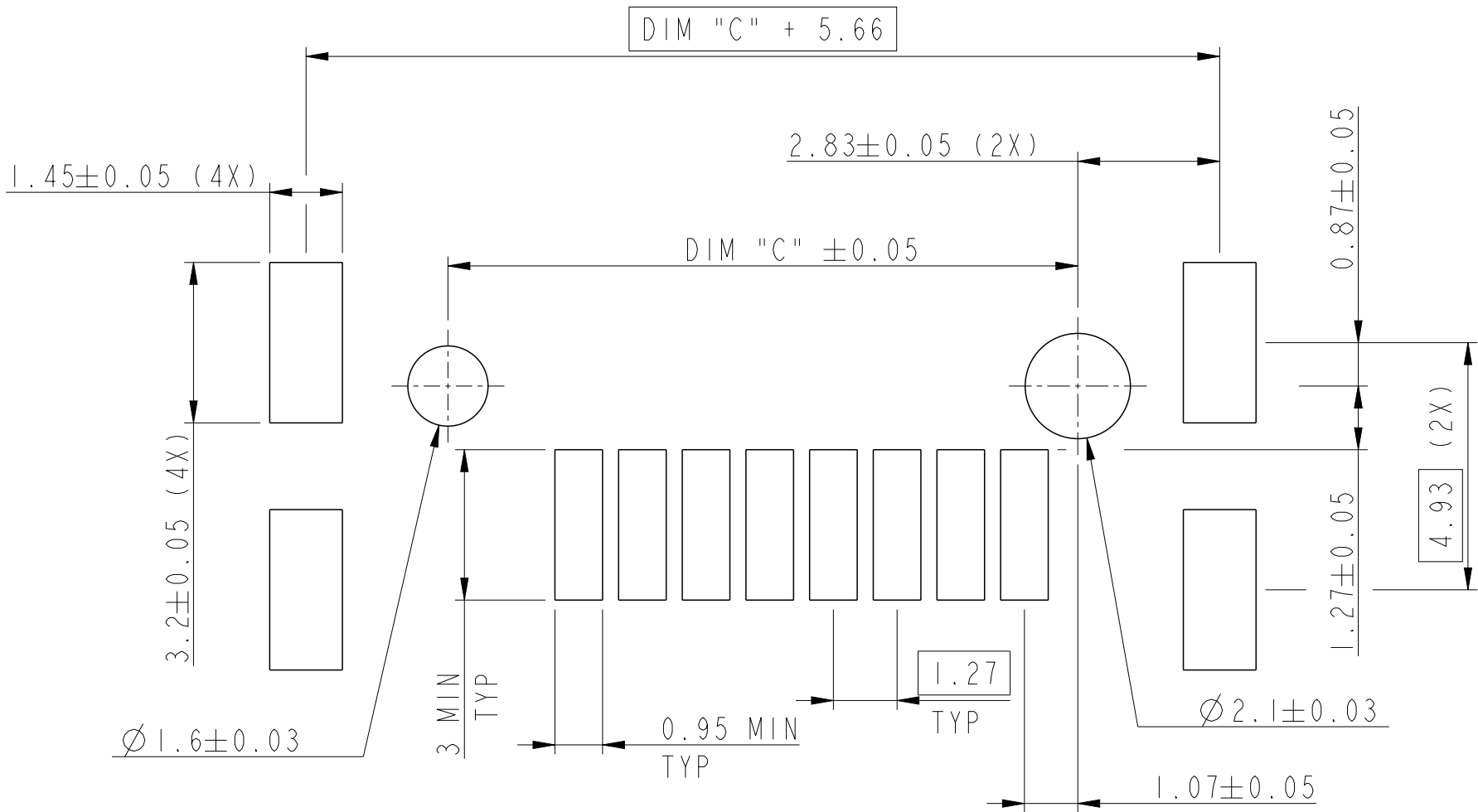
- 1 - MATERIAL:
HOUSING : HIGH TEMPERATURE THERMOPLASTIC
COLOR BLACK UL94 V-0
PIN : HIGH CURRENT COPPER ALLOY
- 2 - TO BE MATED WITH MINITEK µSPACE RECEPTACLE SERIES 10143740
- 3 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - a - PLATING:
"LF" MEANS THE PRODUCT IS LEAD FREE,
3µm MINIMUM MATTE TIN OVER 1.27µm 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.



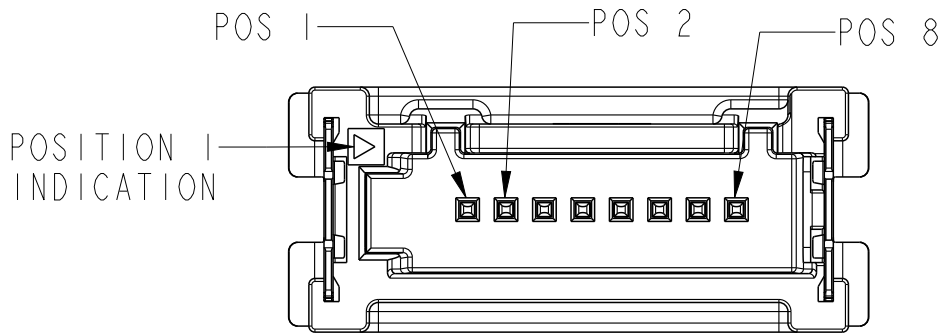
SCALE 3:1

spec ref		-		dr		Sawanth, Ambaa		2018/10/31		projection		mm		size		A3		scale		5:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Cyril Jeune		2019/07/30						ecn no		-		rel level				Released	
ISO 406				chr		Hyppias, Arnau		2019/07/30															
ISO 1101				appr		Beatrice Vial		2019/07/30															
surface		linear		0.X		±0.3		Amphenol FCI		title		HEADER ASSEMBLY		dwg no		10144700		rev		A			
				0.XX		±0.10																	
				0.XXX		±0.05																	
		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"
10144700-102KLF	02	10.22	11.56	04.94
10144700-103KLF	03	11.49	12.83	06.21
10144700-104KLF	04	12.76	14.10	07.48
10144700-105KLF	05	14.03	15.37	08.75
10144700-106KLF	06	15.30	16.64	10.02
10144700-107KLF	07	16.57	17.91	11.29
10144700-108KLF	08	17.84	19.18	12.56
10144700-109KLF	09	19.11	20.45	13.83
10144700-110KLF	10	20.38	21.72	15.10
10144700-111KLF	11	21.65	22.99	16.37
10144700-112KLF	12	22.92	24.26	17.64
10144700-113KLF	13	24.19	25.53	18.91
10144700-114KLF	14	25.46	26.80	20.18
10144700-115KLF	15	26.73	28.07	21.45



RECOMMENDED PCB LAYOUT



POSITION NUMBER INDICATION FOR 8 POS

SCALE 4:1

spec ref		-		dr	Sawanth, Ambaa	2018/10/31	projection		mm		size	A3	scale	3:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Cyril Jeune	2019/07/30					ecn no	-						
				chr	Hyppias, Arnau	2019/07/30												
ISO 406				appr	Beatrice Vial	2019/07/30	product family		-	rel level	Released							
ISO 1101				surface	linear	0.X	±0.3	Amphenol FCi	title	HEADER ASSEMBLY				dwg no	10144700		rev	A
		0.XX	±0.10			MINITEK µSPACE VERT 1.27 SIDE LATCH												
		0.XXX	±0.05															
ISO 1302		angular	0°			±2°	cat. no.			-	Product - Customer Drw				sheet 2 of 2			