

PRODUCT DESCRIPTION CODE :

10143578-1XXK LF

RoHS COMPATIBLE, SEE NOTE 3

FOR CUSTOMER CODE :
BLANK = GENERAL USE

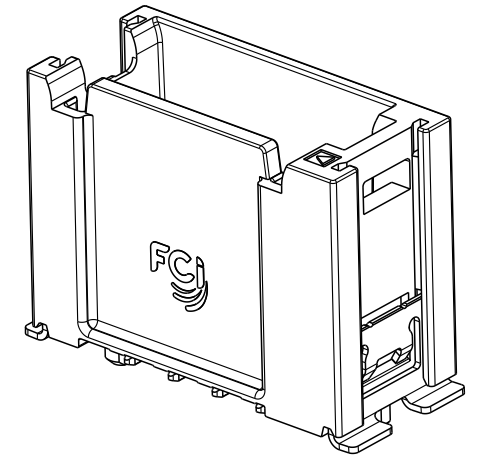
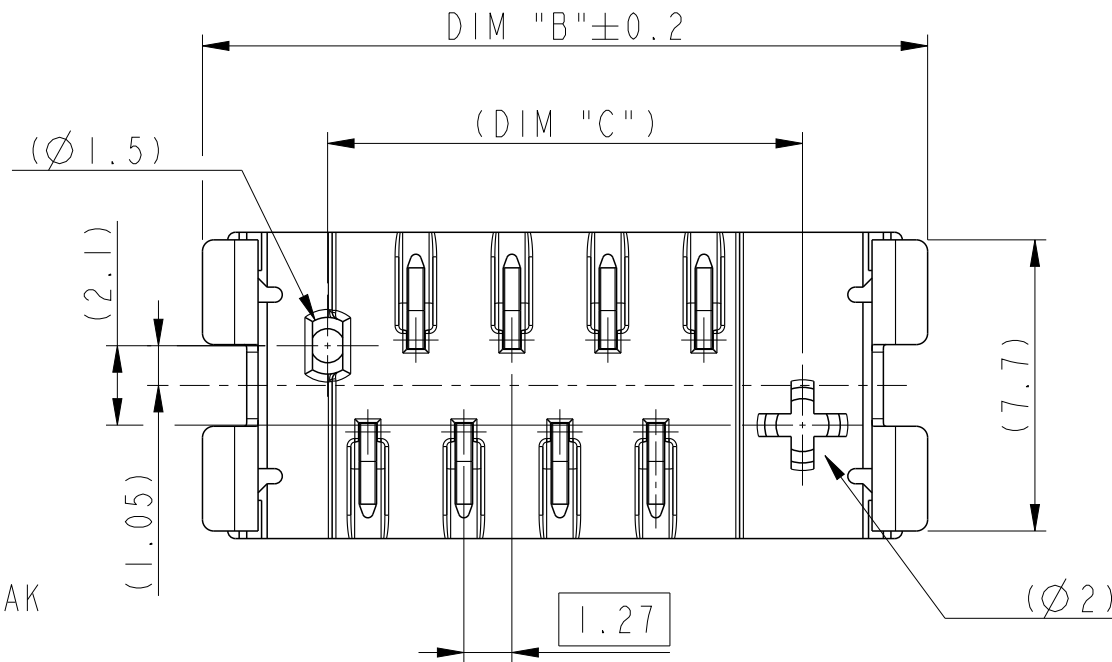
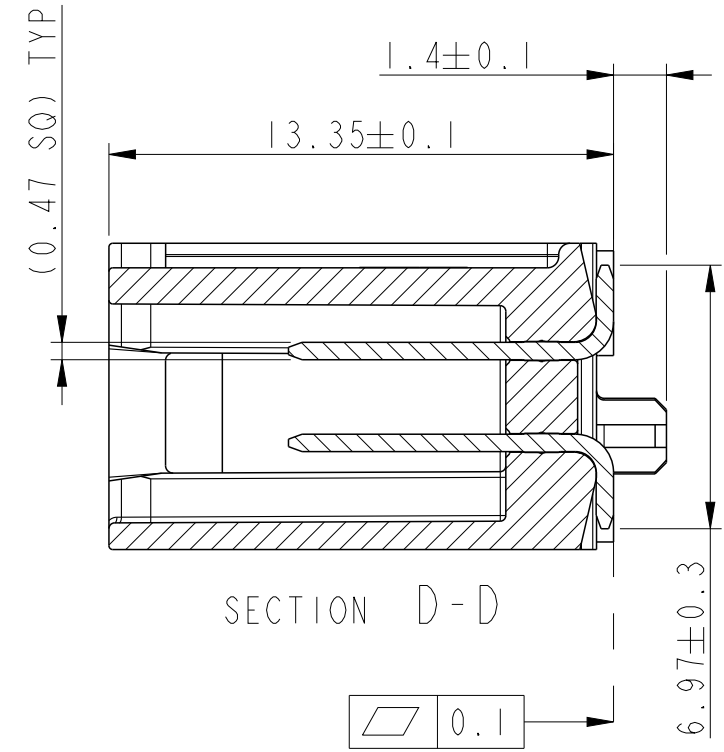
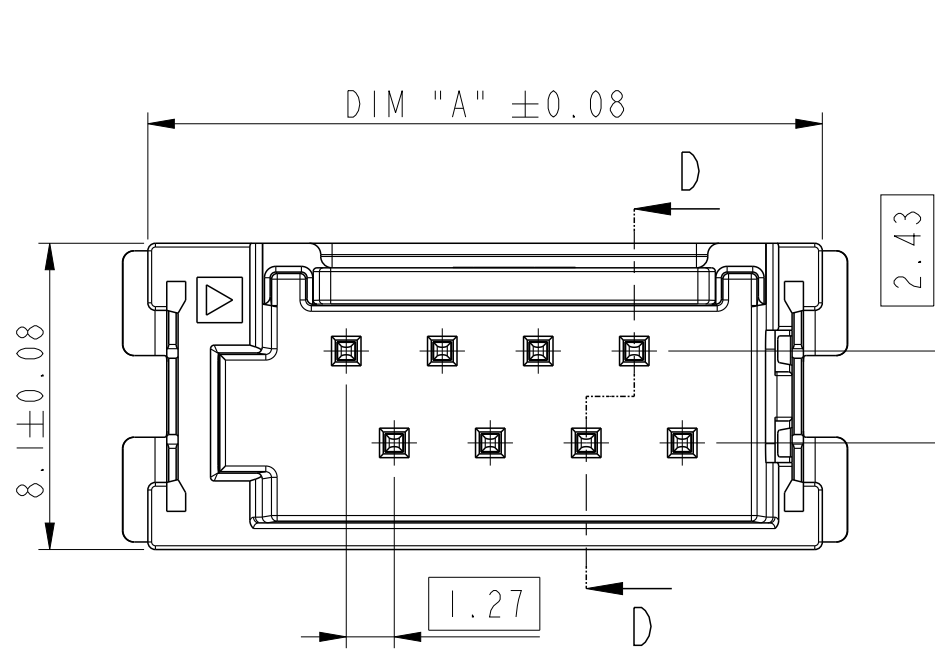
PACKAGING :
K = TAPE & REEL
A = TAPE & REEL WITH MYLAR

NUMBER OF POSITIONS : 02 TO 16

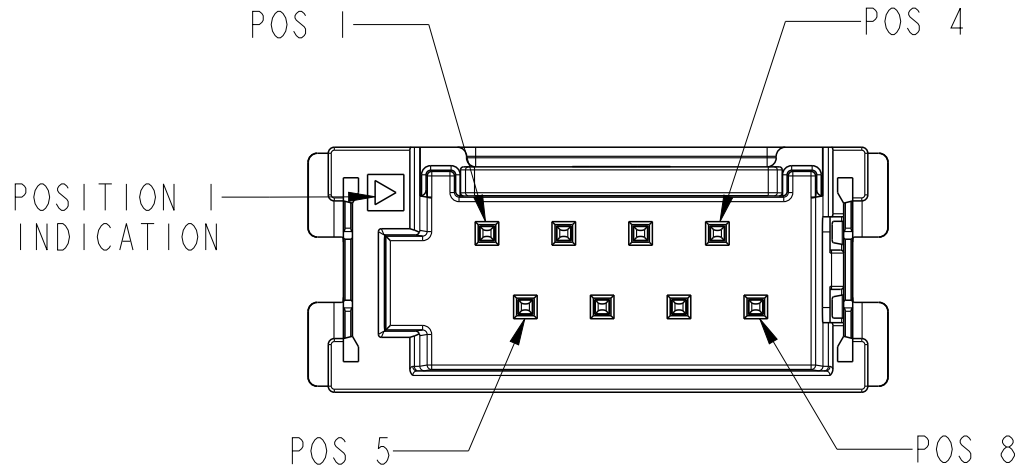
PLATING :
1 = 3µm MIN MATTE TIN (PREPLATED)
2 = 3µm MIN MATTE TIN (POST-PLATED)
ALL OVER 1.27µm MIN NICKEL UNDERLAYER

NOTES:

- 1 - MATERIAL:
HOUSING : HIGH TEMPERATURE THERMOPLASTIC
COLOR BLACK UL94 V-0
PIN : HIGH CURRENT COPPER ALLOY
- 2 - TO MATED WITH MINITEK µSPACE RECEPTACLE SERIES 10142632
- 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.

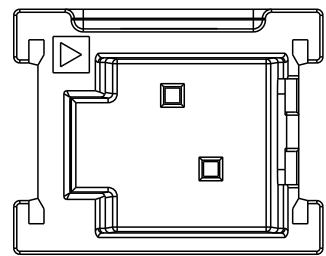


spec ref		GS-12-1422		dr	Ramu P	2018/07/10	projection 	mm 	size	A3	scale	5:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Moisan, Gwenda	2025/07/01			ecn no		ELX-F-56318-1				
				chr	Detouillon, Da	2025/07/01			rel level				Released		
				appr	Lamy, Alexandr	2025/07/01									
product family							-								
surface  ISO 1302	linear	0.X	±0.3	Amphenol FCi	title			HEADER ASSEMBLY			dwg no	10143578		rev	D
		0.XX	±0.10												
		0.XXX	±0.005		MINITEK μSPACE VERT. STG SIDE LATCH										
	angular	0°	±2°												
				cat. no.	-	Product - Customer Drw				sheet 1 of 3					

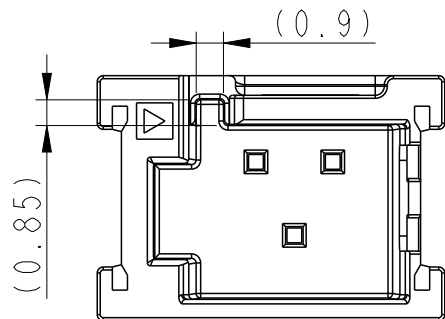


POSITION NUMBER INDICATION FOR 8POS VERSION

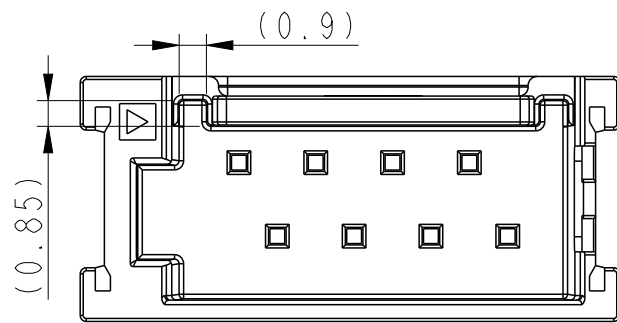
PART NO	NO.OF POSN	DIM "A"	DIM "B"	DIM "C"
10143578-102KLF	02	10.22	11.56	04.94
10143578-103KLF	03	11.49	12.83	06.21
10143578-104KLF	04	12.76	14.10	07.48
10143578-105KLF	05	14.03	15.37	08.75
10143578-106KLF	06	15.30	16.64	10.02
10143578-107KLF	07	16.57	17.91	11.29
10143578-108KLF	08	17.84	19.18	12.56
10143578-109KLF	09	19.11	20.45	13.83
10143578-110KLF	10	20.38	21.72	15.10
10143578-111KLF	11	21.65	22.99	16.37
10143578-112KLF	12	22.92	24.26	17.64
10143578-113KLF	13	24.19	25.53	18.91
10143578-114KLF	14	25.46	26.80	20.18
10143578-115KLF	15	26.73	28.07	21.45
10143578-116KLF	16	28.00	29.34	22.72



2 POS VERSION VIEW
WITHOUT CODING FEATURES



CODING DIMENSIONS
FOR 3 POS VERSION



CODING DIMENSIONS
FROM 4 POS TO 16 POS VERSION

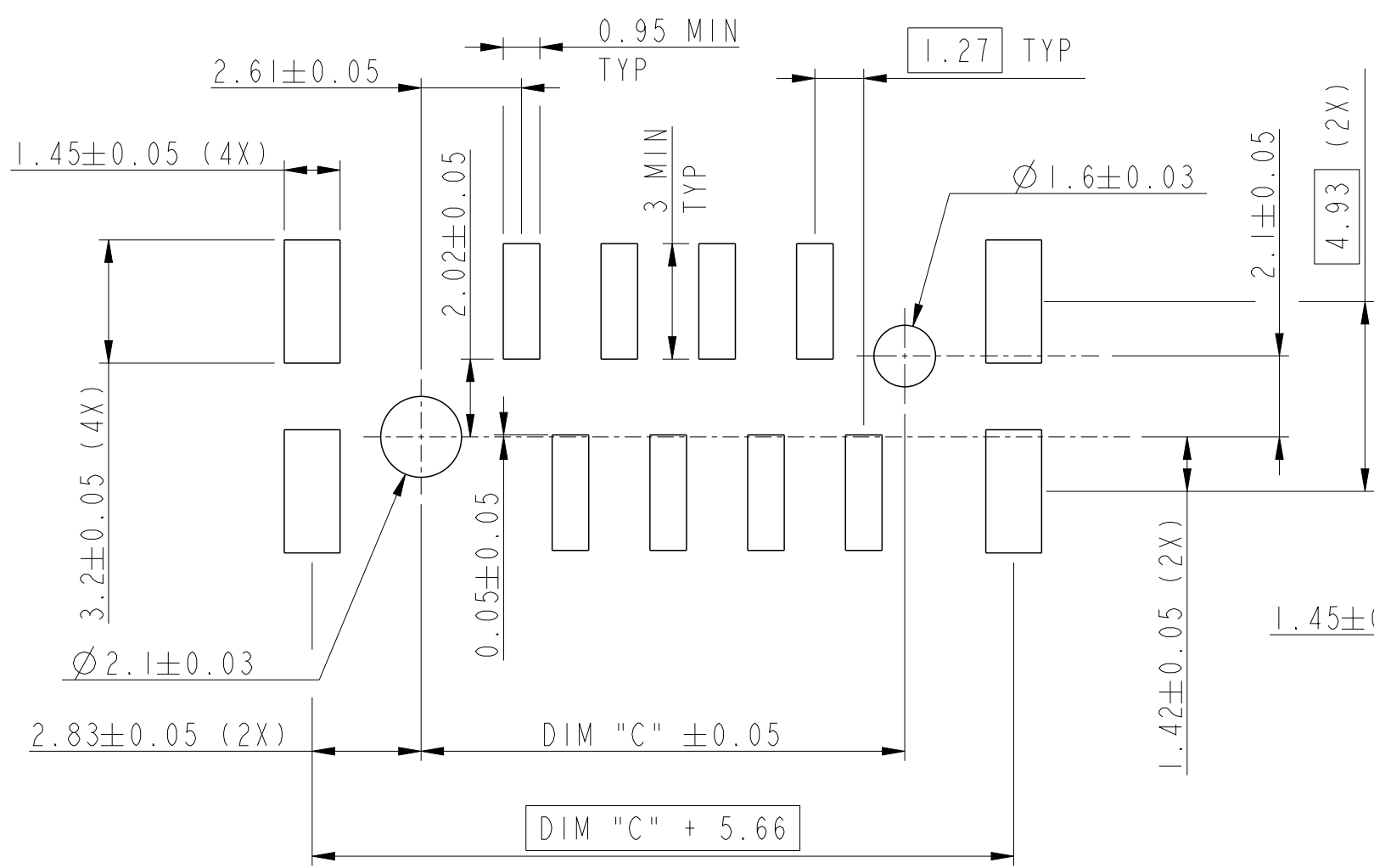
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Moisan, Gwenda	2025/07/01					ecn no				ELX-F-56318-1			
					chr	Detouillon, Da	2025/07/01					rel level				Released			
					appr	Lamy, Alexandr	2025/07/01												
ISO 406		product family													-				
ISO 1101																			
surface		linear	0.X	±0.3	Amphenol FCI	title	HEADER ASSEMBLY					dwg no	10143578					rev	D
			0.XX	±0.10															
			0.XXX	±0.005															
		ISO 1302	angular	0°	±2°		cat. no.	-	Product - Customer Drw					sheet 2 of 3					

A

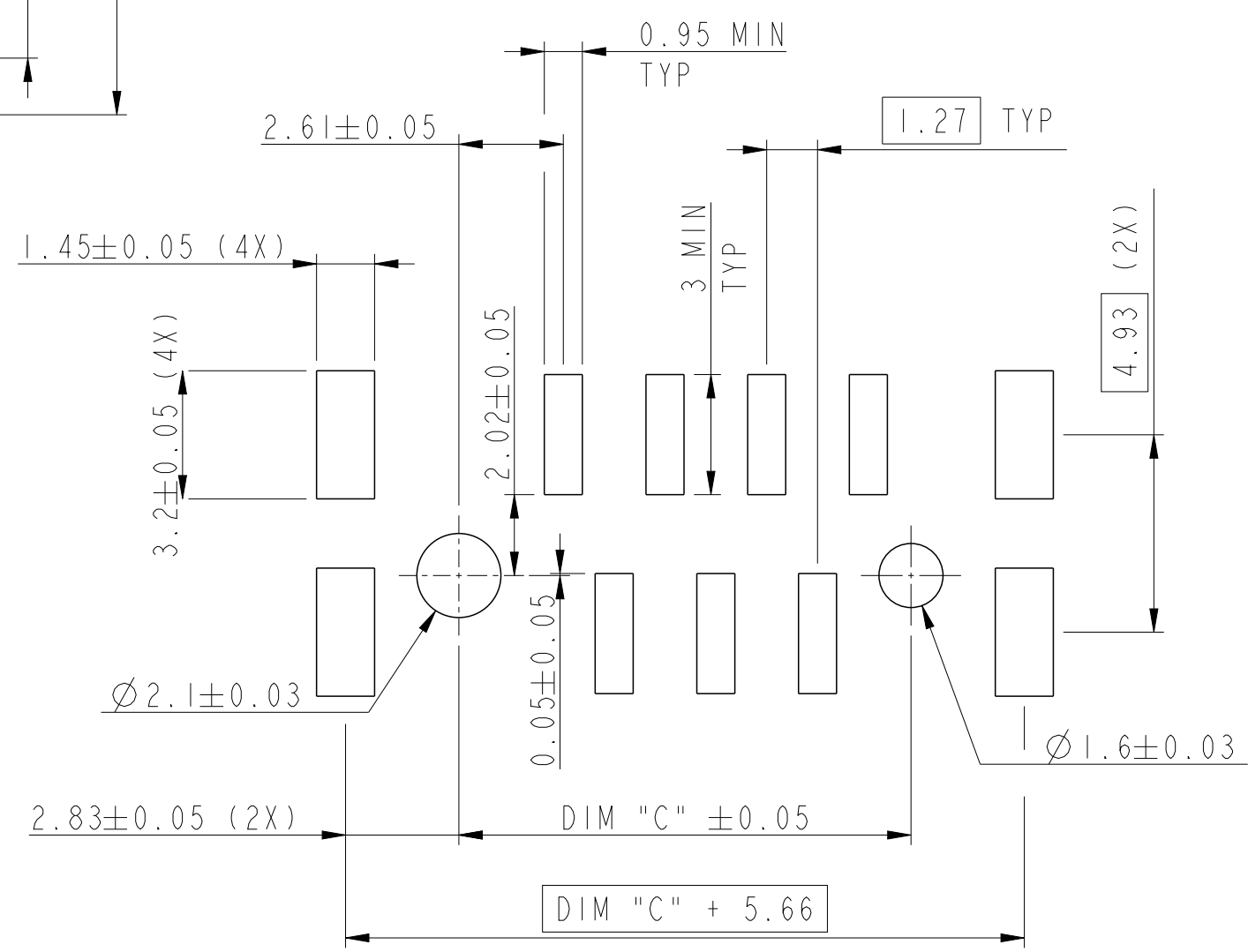
B

C

D



RECOMMENDED PCB LAYOUT FOR 02,04,06,08,10,12,14,16 POS



RECOMMENDED PCB LAYOUT FOR 03,05,07,09,11,13,15 POS

spec ref		GS-12-1422		dr		Ramu P	2018/07/10			size	A3	scale	5:1								
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Moisan, Gwenda	2025/07/01			ecn no		ELX-F-56318-1									
				chr		Detouillon, Da	2025/07/01			rel level			Released								
				appr		Lamy, Alexandr	2025/07/01														
					product family																
surface	linear	0.X		±0.3		Amphenol FCI				title		HEADER ASSEMBLY		dwg no		10143578		rev		D	
		0.XX		±0.10																	
		0.XXX		±0.005																	
	ISO 1302		angular	0°		±2°				cat. no.		-		Product - Customer Drw				sheet 3 of 3			

A

B

C

D