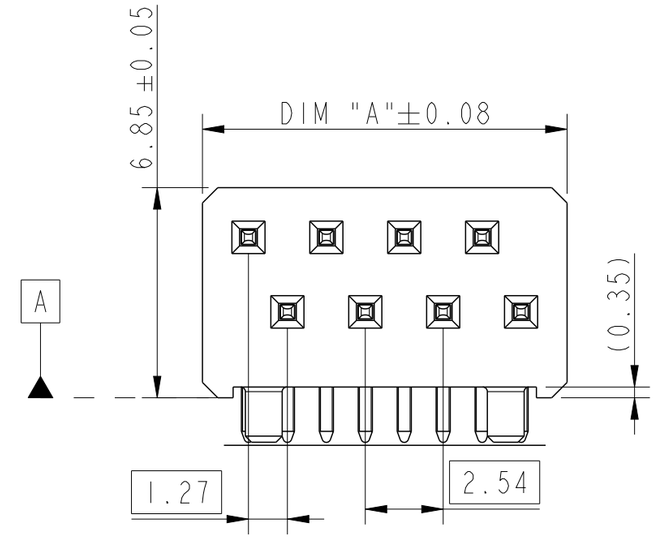
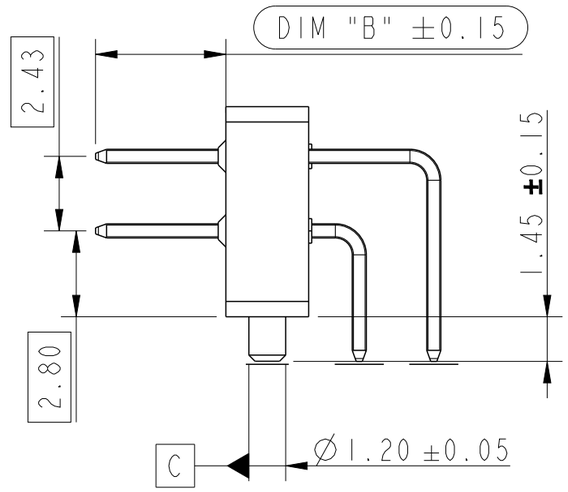
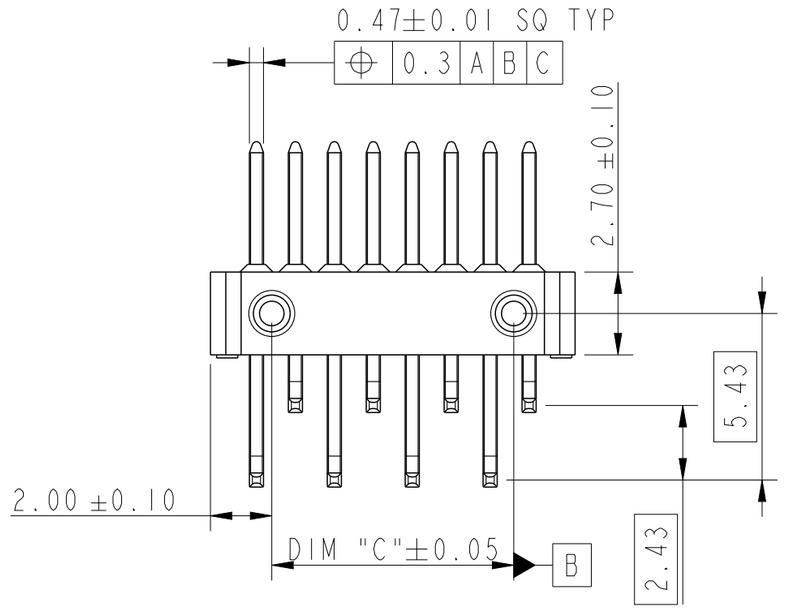
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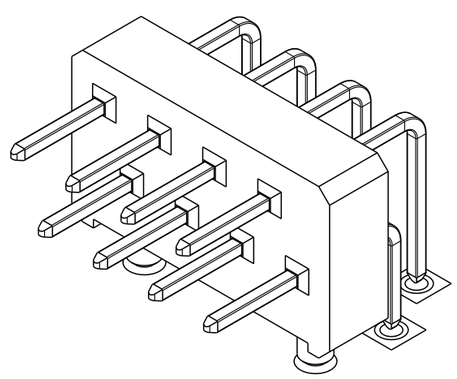
10179773-0XXYK LF

- RoHS COMPATIBLE, SEE NOTE 3
- FOR CUSTOMER CODE : BLANK = GENERAL USE
- PACKAGING : K = TAPE & REEL
- LENGTH OF PINS : SEE TABLE 2
- NUMBER OF POSITIONS : 02 TO 16
- 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
REGRING < 30%
PIN : HIGH CURRENT COPPER ALLOY

2 - TO BE MATED WITH MINITEK MicroSpaceXS RECEPTACLE SERIES 10155470

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.

4 - FOR HEADER CUSTOM INTERFACE, PLEASE REFER TO 10171621

5 - PIN RETENTION :7N MIN

6 - PRODUCT SPECIFICATION : GS-12-1902
PACKAGING SPECIFICATION : GS-14-2777
APPLICATION SPCIFICATION : GS-20-0657

7 - CUSTOM PRODUCT: NOT TESTED FOR USCAR-2.
REFEER TO USCAR-2 TEST RESULTS FOR STANDARD PRODUCT COMPLIANCE.
QUALIFICATION OF THE FULL ENCLOSURE IS IN CHARGE OF THE CUSTOMER.

8 - PIN HEADER MOVEMENT RELATIVE TO ITS ENCLOSURE SHOULD BE KEPT AS LOW AS POSSIBLE, I.E ITS PCB SHOULD BE HELD FIRMFLY IN PLACE.

spec ref				dr	Bandinu, Flori	2024/09/17	projection	mm
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Bandinu, Flori	2026/03/09		
				chr	-	-		
				appr	Vallière, Jérô	2026/03/10	product family	
surface ISO 1302	linear	0.X	±0.3	Amphenol FCi	title: Microspace XS Pin Header Horizontal Assy		dwg no: 10179773	rev: D
		0.XX	±0.10					
		0.XXX	±0.05					
	angular	0°	±2°	amphenol-icc.com	cat. no.	Product - Customer Drw		sheet 1 of 3

size A3 | scale 5:1 | ecn no ELX-F-281161-1 | rel level PDF Released

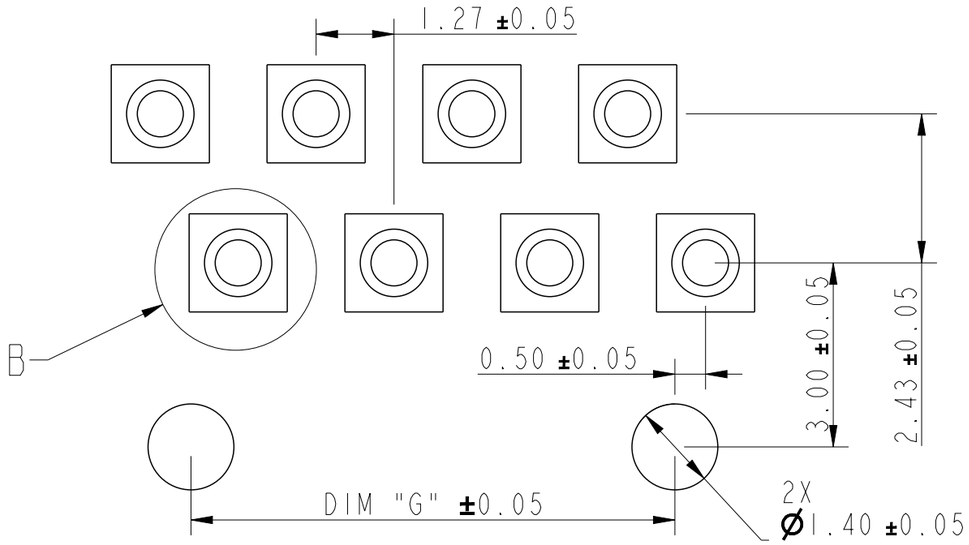
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Creo File:ELX-MC-A3C,REV F,2020-12-21

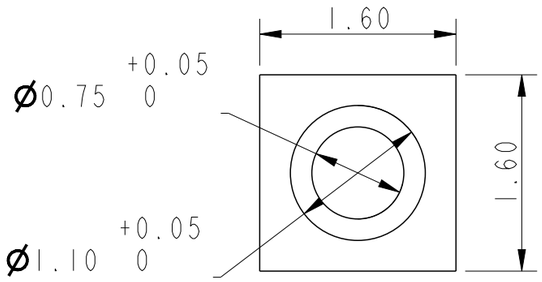
PDS: Rev :D STATUS:Released Printed: Mar 10, 2026

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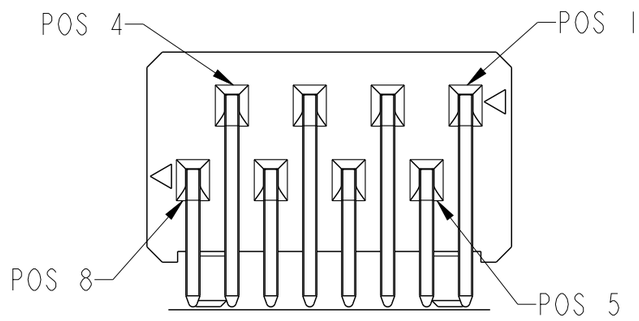
RECOMMENDED PCB LAYOUT



FOR INFORMATION ONLY :
CENTER OF MASS with the longest pins



B(20:1)



POSITION INDICATION

RECOMMENDED PASTE AREA WITH 0.15mm STENCIL THICKNESS

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spec ref				dr	Bandini, Flori	2024/09/17	projection	mm
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Bandini, Flori	2026/03/09	size A3	scale 10:1
				chr	-	-	ecn no	ELX-F-281161-1
				appr	Vallière, Jérô	2026/03/10	product family	rel level Released
surface ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	Microspace XS Pin Header Horizontal Assy	dwg no 10179773	rev D
		0.XX	±0.10					
		0.XXX	±0.05					
	angular	0°	±2°	amphenol-icc.com	cat. no.	Product - Customer Drw		sheet 2 of 3

Creo File:ELX-WC-A3C,REV F,2020-12-21

PDS: Rev :D STATUS:Released Printed: Mar 10, 2026

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PART NO	NBR OF POS	DIM A	DIM B	DIM C	DIM G	TOOLING STATUS
10179773-002Y KLF	2	6.58	FROM 4.25mm TO 8.25mm SEE TABLE 2	2.58	2.58	ON DEMAND
10179773-003Y KLF	3	6.58		2.58	2.58	ON DEMAND
10179773-004Y KLF	4	6.81		2.81	2.81	ON DEMAND
10179773-005Y KLF	5	8.08		4.08	4.08	ON DEMAND
10179773-006Y KLF	6	9.35		5.35	5.35	ON DEMAND
10179773-007Y KLF	7	10.62		6.62	6.62	ON DEMAND
10179773-008Y KLF	8	11.89		7.89	7.89	ON DEMAND
10179773-009Y KLF	9	13.13		9.16	9.16	ON DEMAND
10179773-010Y KLF	10	14.43		10.43	10.43	ON DEMAND
10179773-011Y KLF	11	15.70		11.70	11.70	ON DEMAND
10179773-012Y KLF	12	16.97		12.97	12.97	ON DEMAND
10179773-013Y KLF	13	18.24		14.24	14.24	ON DEMAND
10179773-014Y KLF	14	19.51		15.51	15.51	ON DEMAND
10179773-015Y KLF	15	20.78		16.78	16.78	ON DEMAND
10179773-016Y KLF	16	22.05		18.05	18.05	ON DEMAND

TABLE 2 : PIN LENGTH

REFERENCE	DIM B
10179773-0XX1KLF	4.25
10179773-0XX2KLF	5.25
10179773-0XX3KLF	6.25
10179773-0XX4KLF	7.25
10179773-0XX5KLF	8.25

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spec ref			
tolerance std	ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	
surface	ISO 1302	linear	0.X ±0.3
			0.XX ±0.10
			0.XXX ±0.05
		angular	0° ±2°

dr	Bandinu, Flori	2024/09/17
eng	Bandinu, Flori	2026/03/09
chr	-	-
appr	Vallière, Jérô	2026/03/10

projection | mm | size A3 | scale 5:1

ecn no ELX-F-281161-1

rel level PDF **Released**

product family -

Amphenol FCi

amphenol-icc.com

title: Microspace XS Pin Header Horizontal Assy

dwg no 10179773 | rev D

cat. no. - | Product - Customer Drw | sheet 3 of 3

Creo File:ELX-WC-A3C,REV F,2020-12-21

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