

spec ref	-	dr	Andrew Yong	2010/10/22	projection	MM	size	A3	scale	10:1	
tolerance std	ISO 406 ISO 1101	eng	Yuan-Yuan Bao	2021/02/02			ecn no	ELX-N-39769-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			product family	MINITEK	rel level	Released	
surface	ISO 1302	appr	Tim Yao	2021/02/03	MNITEK II SMT STR HEADER WITH LOC		dwg no	91753		rev	AJ
					www.fci.com	cat. no.	-	Product - Customer Drw		sheet 1 of 3	

PRODUCT NO.	POS	DIM X	DIM Y	DIM Z	DIM H	DIM W	POL. POS	PLATING	MAT'L
91753-001	2X22	42	44	40	4.0	2.0	-	0.76µm MIN GXT	SEE NOTE ①
-002	2X11	20	22	18	2.7	2.0	-	0.38µm MIN Au	▲
-003	2X12	22	24	20	4.0	2.4	-	0.76µm MIN GXT	
-004	2X14	26	28	24	4.0	2.0	-	0.76µm MIN GXT	
-005	2X14	26	28	24	5.0	2.0	-	0.76µm MIN GXT	
-006	2X7	12	14	10	5.9	2.0	-	0.76µm MIN GXT	
-007	2X3	4	6	2	4.0	2.0	-	0.76µm MIN GXT	
-008	2X22	42	44	40	4.0	2.0	20	0.76µm MIN GXT	
-009	2X10	18	20	16	4.0	2.0	-	0.38µm MIN GXT	
-010	2X10	18	20	16	4.5	2.0	-	0.38µm MIN GXT	
-011	2X8	14	16	12	5.9	2.0	-	0.76µm MIN GXT	
-012	2X15	28	30	26	5.0	2.0	-	0.76µm MIN GXT	
-013	2X25	48	50	46	5.0	2.0	-	0.76µm MIN GXT	
-014	2X16	30	32	28	4.5	2.0	-	0.76µm MIN GXT	
-015	2X8	14	16	12	4.0	2.0	-	0.38µm MIN GXT	
-016	2X15	28	30	26	4.0	2.0	-	0.38µm MIN GXT	
-017	2X7	12	14	10	4.5	2.0	-	0.76µm MIN GXT	
-018	2X4	6	8	4	9.4	2.0	-	0.38µm MIN GXT	
-019	2X4	6	8	4	4.0	2.0	-	CONTACT;0.05µm MIN. Au TAIL:2.54µm MIN.matte Sn	
-020	2X11	20	22	18	4.0	2.0	-	CONTACT;0.05µm MIN. Au TAIL:2.54µm MIN.matte Sn	
-021	2X7	12	14	10	4.0	2.0	-	CONTACT;0.38µm MIN. Au TAIL:2.54µm MIN.matte Sn	
-022	2X11	20	22	18	4.0	2.0	-	CONTACT;0.38µm MIN. Au TAIL:2.54µm MIN.matte Sn	
-023	2X9	16	18	14	4.0	2.0	-	CONTACT;0.38µm MIN. Au TAIL:2.54µm MIN.matte Sn	
-024	2X6	10	12	8	4.0	2.0	-	CONTACT;0.38µm MIN. GXT TAIL:2.54µm MIN.matte Sn	
-025	2X6	10	12	8	4.0	2.0	-	CONTACT;GOLD FLASH TAIL:2.54µm MIN.matte Sn	
-026	2X5	8	10	6	4.0	2.0	-	CONTACT;GOLD FLASH TAIL:2.54µm MIN.matte Sn	
-027	2X10	18	20	16	4.0	2.0	-	CONTACT;GOLD FLASH TAIL:2.54µm MIN.matte Sn	SEE NOTE ①

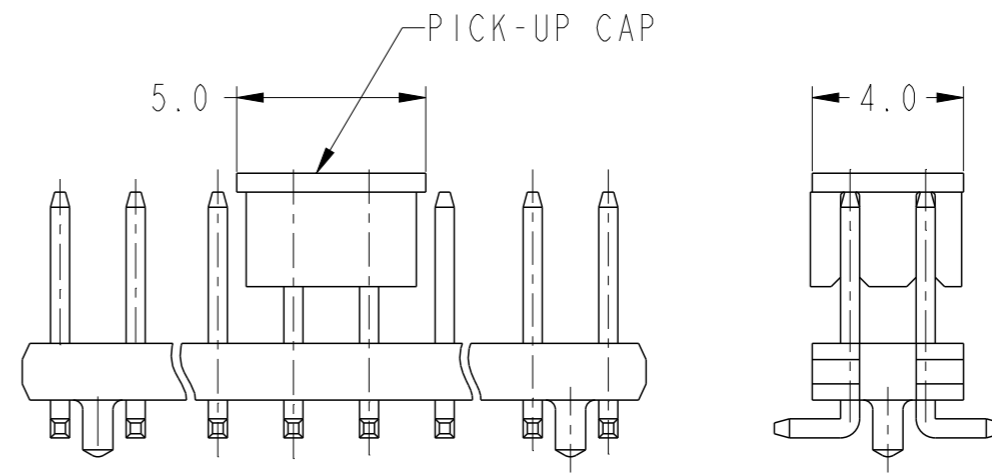
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tolerance std	ISO 406 ISO 1101	eng	Yuan-Yuan Bao	2021/02/02		← →	ecn no	ELX-N-39769-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			product family	MINITEK	rel level	Released	
surface	linear	0.X	±-	Amphenol FCI	MNITEK II SMT STR			dwg no	91753		
		0.XX	±0.25		HEADER WITH LOC				rev	AJ	
	angular	0°	±°		www.fci.com	cat. no.	-			Product - Customer Drw	sheet 2 of 3

NOTES:

1. MATERIAL:  
BODY : HIGH TEMPERATURE THERMOPLASTIC UL 94V-0 NATURAL  
PIN : COPPER ALLOY
2. TOLERANCE UNLESS OTHERWISE NOTED  $\pm 0.25$
3. POLARISED BY OMISSION OF PINS.  
REFER TO TABLE FOR POSITION.
4. ALTERNATE DESIGN OF BOTH ENDS. REFER TO FIG 1.
5. STANDARD PACKAGING IN POLYTHENE BAG.  
FOR TUBE PACKAGING, QUOTE P/N 91753-XXXT.
6. 91753-XXXTRLF PACKED IN TAPE AND REEL WITH PICK-UP CAP  
CAP INSTALLED. SEE FIG 2. 91753-XXXTRNLF PACKED IN  
TAPE AND REEL W/O PICK-UP CAP.
7. PRODUCT DESCRIPTION CODE:  
XXXXX-XXXLF  

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—	—	—	—	—	—
—	—	—	—	—	—

LEAD FREE. SEE NOTE 9  
EXTENSION NUMBER  
BASE NUMBER
8. THE HOUSING WILL WITHSTAND EXPOSURE TO 250°C PEAK  
TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED  
OR VAPOR PHASE REFLOW OVEN.
9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND  
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.



SCALE 5:1

FIG. 2

NOTE 6

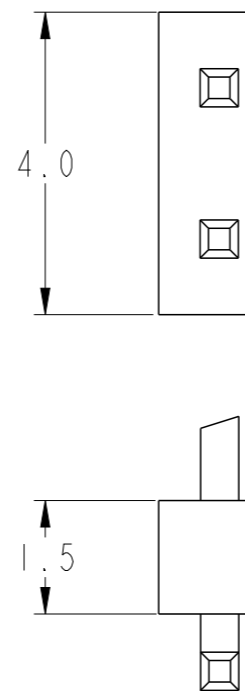
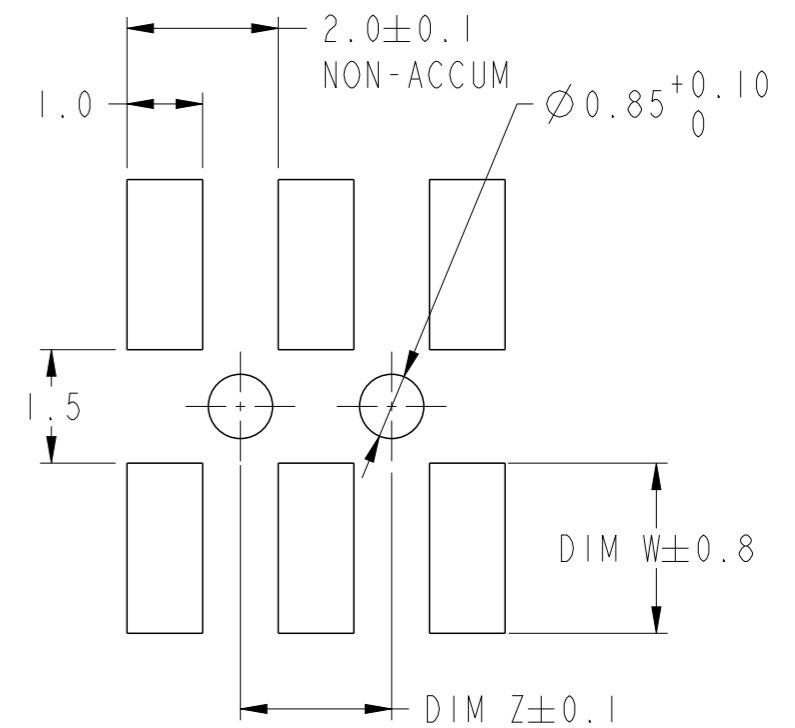


FIG. 1

NOTE 4



RECOMMENDED PAD LAYOUT

spec ref -		dr Andrew Yong 2010/10/22		projection		size A3		scale 10:1	
tolerance std ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Yuan-Yuan Bao 2021/02/02		MM		ecn no ELX-N-39769-1	
				chr -		← →		rel level Released	
				appr Tim Yao 2021/02/03		product family MINITEK			
surface ✓		linear		Amphenol FCI		part no MNITEK II SMT STR		dwg no 91753	
ISO 1302		angular		www.fci.com		cat. no. -		Product - Customer Drw	
		0.X ± -						rev AJ	
		0.XX ± 0.25						sheet 3 of 3	
		0.XXX ± -							
		0° ± °							