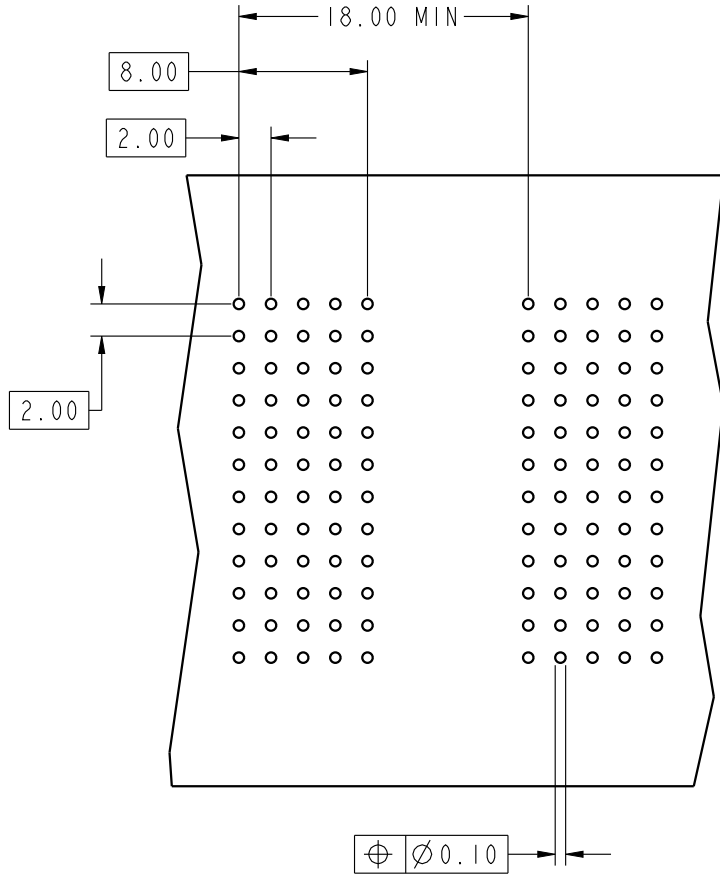


NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LCP, UL 94-V0.
- PIN MATERIAL: COPPER ALLOY.
- FOR PLATING PERFORMANCE REFER DRAWING #10159408.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXP.
- PRODUCT SPECIFICATION GS-12-180. APPLICATION SPECIFICATION BUS-20-073.
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.
- A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	2:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Nirmal Sam-MB	2022/06/08			ecn no	ELX-I-44951-1					
ISO 406		chr	-	-			rel level	Released					
ISO 1101		appr	Kuriakose, San	2022/10/19	product family	METRAL							
surface	linear	0.X	±0.3	Amphenol FCi	title	METRAL SIGNAL HEADER	dwg no	73933	rev	AE			
ISO 1302	0.XX	±.13	cat. no.								*	Product - Customer Drw	sheet 1 of 7
	0.XXX	±.051											
	angular	0°	±2°										



KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
9	5.00	17.00
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
19	8.00	4.30
25	5.75	15.60
40	5.00	15.60
41	6.50	15.60
42	7.25	15.60
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80
62	7.25	11.80

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

spec ref *		dr	Terran Huang	2010/07/09	projection 	MM ←→	size	A4	scale	2:1
tolerance std ISO 406 ISO 1101		eng	Nirmal Sam-MB	2022/06/08			ecn no	ELX-I-44951-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			product family	METRAL		rel level
surface ISO 1302	linear	0.X	±0.3	Amphenol FCi	title METRAL SIGNAL HEADER 5 MOD, 5 ROW PRESS-FIT	cat. no.	-	Product - Customer Drw	sheet 2 of 7	rev AE
		0.XX	±.13							
	0.XXX	±.051	dwg no							
	angular	0°	±2°							

Table with 5 columns (MOD. 2-5) and 5 rows (A-E) for METRAL P/N 73933-X009LF. Each cell contains a 5x5 grid of numbers.

Table with 5 columns (MOD. 2-5) and 5 rows (A-E) for METRAL P/N 73933-X013LF. Each cell contains a 5x5 grid of numbers.

Table with 5 columns (MOD. 2-5) and 5 rows (A-E) for METRAL P/N 73933-X010LF. Each cell contains a 5x5 grid of numbers.

Table with 5 columns (MOD. 2-5) and 5 rows (A-E) for METRAL P/N 73933-X014LF. Each cell contains a 5x5 grid of numbers.

Table with 5 columns (MOD. 2-5) and 5 rows (A-E) for METRAL P/N 73933-X011LF. Each cell contains a 5x5 grid of numbers.

Table with 5 columns (MOD. 2-5) and 5 rows (A-E) for METRAL P/N 73933-X015LF. Each cell contains a 5x5 grid of numbers.

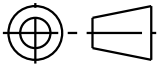
Table with 5 columns (MOD. 2-5) and 5 rows (A-E) for METRAL P/N 73933-X012LF. Each cell contains a 5x5 grid of numbers.

Table with 5 columns (MOD. 2-5) and 5 rows (A-E) for METRAL P/N 73933-X016LF. Each cell contains a 5x5 grid of numbers.

Technical drawing header containing: spec ref, tolerance std (ISO 406, ISO 1101), surface (ISO 1302), tolerances table, engineering details (dr, eng, chr, appr), projection (MM), product family (METRAL), part name (METRAL SIGNAL HEADER 5 MOD, 5 ROW PRESS-FIT), and drawing number (73933).

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
73933-X033LF	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
73933-X034LF	E	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	C	3	3	3	3	3	3	19	19	19	19	19	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

spec ref *		dr Terran Huang		2010/07/09		projection		size A4		scale 2:1	
tolerance std ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Nirmal Sam-MB		2022/06/08				ecn no ELX-I-44951-1	
surface <input checked="" type="checkbox"/>				chr -		-				rel level Released	
ISO 1302		linear		appr Kuriakose, San		2022/10/19		product family METRAL		rev	
		0.X ±0.3		Amphenol FCi		METRAL SIGNAL HEADER 5 MOD, 5 ROW PRESS-FIT		dwg no 73933		AE	
		0.XX ±.13									
		0.XXX ±.051									
		angular 0° ±2°		cat. no. -		Product - Customer Drw		sheet 7 of 7			