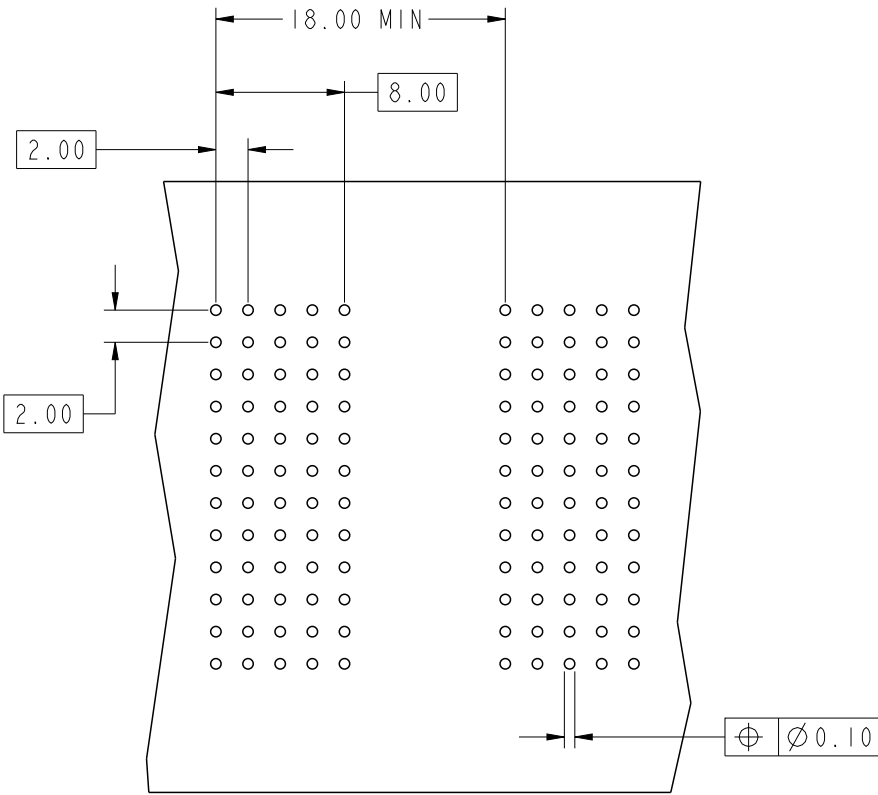


spec ref *		dr Terran Huang 2010/07/09		projection 	MM 	size A4	scale 11:10
tolerance std ISO 406 ISO 1101		eng Rahul Mohan-M 2021/06/23				ecn no ELX-I-41316-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -				rel level Released	
surface 3.200		appr Kuriakose, San 2021/08/13		product family METRAL		rev	
ISO 1302	linear	0.X	± 0.3	Amphenol FCi		89025	
		0.XX	± 0.13			METRAL SIGNAL HEADER	
		0.XXX	± 0.050	1 MOD, 5 ROW PRESS-FIT		CT	
	angular	0°	$\pm 2^\circ$	amphenol-icc.com cat. no. -		Product - Customer Drw sheet 1 of 7	



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

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
5	5.00	13.60
6	5.75	13.60
7	6.50	13.60
8	7.25	13.60
9	5.00	17.00
10	5.75	17.00
11	6.50	17.00
12	7.25	17.00
13	8.25	4.30
14	8.25	13.60
15	8.25	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
22	5.00	12.10
23	8.00	17.70
24	6.50	16.30
25	5.75	15.60
26	5.00	14.90
27	5.75	12.40
29	8.00	14.60

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
32	6.50	12.90
38	7.25	14.40
39	8.00	14.40
40	5.00	15.60
41	6.50	15.60
44	5.75	12.10
45	6.50	12.10
49	5.75	15.10
54	5.00	11.50

spec ref	*	dr	Terran Huang	2010/07/09	projection 	MM 	size	A4	scale	21:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/23			ecn no	ELX-I-41316-1		
ISO 406 ISO 1101		chr	-	-			rel level	Released		
surface	3.200	appr	Kuriakose, San	2021/08/13	product family	METRAL	rev			
ISO 1302	linear	0.X	±0.3	Amphenol FCI	title	METRAL SIGNAL HEADER	dwg no	89025	rev	CT
		0.XX	±0.13							
		0.XXX	±0.050							
	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw	sheet 2 of 7		

Creo F-14; ELX-NC; AAC; REV F; 2020-12-21

METRAL P/N	ROW	CONTACT CODE MOD. I					
89025-X25LF	E	-	-	-	-	-	-
	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	3	3	3	3

spec ref	*	dr	Terran Huang	2010/07/09	projection	size	A4	scale	1:10		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/23			ecn no	ELX-I-41316-1			
ISO 406		chr	-	-				rel level	Released		
ISO 1101		appr	Kuriakose, San	2021/08/13	product family	METRAL			rev	CT	
surface 3.200	linear				METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT			dwg no 89025			
ISO 1302										0.X	±0.3
										0.XX	±0.13
	angular	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw	sheet 4 of 7			

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89025-X49LF	E	11	-	11	-	11	-
	D	11	-	11	-	11	-
	C	-	-	-	-	-	-
	B	11	-	11	-	11	-
	A	11	-	11	-	11	-
89025-X53LF	E	7	5	5	5	5	5
	D	7	5	5	5	5	5
	C	7	5	5	5	5	5
	B	7	5	5	5	5	5
	A	7	5	5	5	5	5
89025-X57LF	E	4	4	4	4	4	4
	D	13	4	4	4	4	4
	C	13	4	4	4	4	4
	B	4	4	4	4	4	4
	A	13	13	13	13	13	13
89025-X61LF	E	1	19	3	3	3	3
	D	3	19	3	3	3	3
	C	3	19	3	3	3	3
	B	19	19	3	3	3	3
	A	19	19	3	3	3	3
89025-X65LF	E	1	19	3	3	3	19
	D	3	3	3	3	3	19
	C	3	3	3	3	3	19
	B	3	3	3	3	3	19
	A	3	3	3	3	3	19
89025-X69LF	E	14	6	8	8	8	8
	D	14	7	8	8	8	8
	C	14	7	8	8	8	8
	B	14	7	8	8	8	8
	A	14	7	5	8	8	8
89025-X50LF	E	1	19	19	19	19	1
	D	1	19	19	19	19	1
	C	1	19	19	19	19	1
	B	1	19	19	19	19	1
	A	1	19	19	19	19	1
89025-X54LF	E	22	22	22	22	22	22
	D	22	22	22	22	22	22
	C	22	22	22	22	22	22
	B	22	22	22	22	22	22
	A	22	22	22	22	22	22
89025-X58LF	E	20	7	7	7	7	7
	D	20	7	7	7	7	7
	C	20	7	7	7	7	7
	B	20	7	7	7	7	7
	A	20	7	7	7	7	7
89025-X62LF	E	1	-	1	-	1	-
	D	-	1	-	1	-	1
	C	1	-	1	-	1	-
	B	-	1	-	1	-	1
	A	1	-	1	-	1	-
89025-X66LF	E	3	1	1	1	1	1
	D	3	1	1	1	1	1
	C	3	1	1	1	1	1
	B	3	1	1	1	1	1
	A	3	1	1	1	1	1
89025-X70LF	E	13	2	4	4	4	4
	D	13	3	4	4	4	4
	C	13	3	4	4	4	4
	B	13	3	4	4	4	4
	A	13	3	1	4	4	4
89025-X51LF	E	-	2	-	2	-	2
	D	-	-	-	-	-	-
	C	-	2	-	2	-	2
	B	-	-	-	-	-	-
	A	-	2	-	2	-	2
89025-X55LF	E	19	19	19	19	19	19
	D	1	1	19	19	19	19
	C	1	1	19	19	19	19
	B	1	1	19	19	19	19
	A	1	1	19	19	19	19
89025-X59LF	E	19	3	3	3	3	3
	D	19	3	3	3	3	3
	C	19	3	3	3	3	3
	B	19	3	3	3	3	3
	A	19	3	3	3	3	3
89025-X63LF	E	8	27	29	29	29	27
	D	8	27	29	29	29	27
	C	8	27	29	29	29	27
	B	8	27	29	29	29	27
	A	8	27	29	29	29	27
89025-X67LF	E	20	20	20	20	20	20
	D	5	5	20	20	20	20
	C	5	5	20	20	20	20
	B	5	5	20	20	20	20
	A	5	5	20	20	20	20
89025-X71LF	E	20	20	20	8	8	8
	D	20	20	20	8	8	8
	C	20	20	20	8	8	8
	B	20	20	20	8	8	8
	A	20	20	20	8	8	8
89025-X52LF	E	1	3	3	3	3	19
	D	3	3	3	3	3	19
	C	3	3	3	3	3	19
	B	3	3	3	3	3	19
	A	3	3	3	3	3	19
89025-X56LF	E	7	7	7	7	7	7
	D	7	7	44	7	7	7
	C	7	7	7	7	7	7
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7
89025-X60LF	E	19	19	19	19	-	-
	D	19	19	19	19	-	-
	C	19	19	19	19	-	-
	B	19	19	19	19	-	-
	A	19	19	19	19	-	-
89025-X64LF	E	45	-	45	-	45	-
	D	45	-	45	-	45	-
	C	-	-	-	-	-	-
	B	45	-	45	-	45	-
	A	45	-	45	-	45	-
89025-X68LF	E	21	21	21	21	21	21
	D	9	9	21	21	21	21
	C	9	9	21	21	21	21
	B	9	9	21	21	21	21
	A	9	9	21	21	21	21
89025-X72LF	E	19	19	19	4	4	4
	D	19	19	19	4	4	4
	C	19	19	19	4	4	4
	B	19	19	19	4	4	4
	A	19	19	19	4	4	4

spec ref	*	dr	Terran Huang	2010/07/09	projection 	size A4	scale 1:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/23			
ISO 406 ISO 1101		chr	-	-			
surface 3.200	linear	appr	Kuriakose, San	2021/08/13	product family METRAL	rel level Released	
ISO 1302	angular						
	0.X	±0.3	Amphenol FCI	part no		89025	rev CT
	0.XX	±0.13		METRAL SIGNAL HEADER			
	0.XXX	±0.050		1 MOD, 5 ROW PRESS-FIT			
	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw	sheet 5 of 7

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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89025-X73LF	E	-	2	-	2	-	2
	D	2	-	2	-	2	-
	C	-	2	-	2	-	2
	B	2	-	2	-	2	-
	A	-	2	-	2	-	2

spec ref	*	dr	Terran Huang	2010/07/09	projection 	size	A4									
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/23			←——→ MM	scale		1:10						
ISO 406		chr	-	-		ecn no		ELX-I41316-1								
ISO 1101		appr	Kuriakose, San	2021/08/13		product family	METRAL		rel level	Released						
surface	3.200	Amphenol FCI			METRAL SIGNAL HEADER		dwg no	89025		rev	CT					
linear	0.X							±0.3		cat. no.	-		Product - Customer Drw		sheet 6 of 7	
	0.XX							±0.13								
angular	0°	±2°														
ISO 1302		amphenol-icc.com														

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89025-X97LF	E	3	3	3	3	-	3
	D	3	3	3	3	-	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	3	3	3	-	-	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89025-X98LF	E	4	4	4	19	19	19
	D	4	4	4	19	19	19
	C	4	4	4	19	19	19
	B	4	4	4	19	19	19
	A	4	4	4	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89025-X99LF	E	8	8	8	20	20	20
	D	8	8	8	20	20	20
	C	8	8	8	20	20	20
	B	8	8	8	20	20	20
	A	8	8	8	20	20	20

NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- MATERIAL : BODY : THERMOPLASTIC UL94-V0.
: CONTACT : COPPER ALLOY.
- FOR PLATING PERFORMANCE LEVEL 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:XXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180.
- APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMIM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.
- A \triangle 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		size	A4	scale	1:10		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/23		MM	ecn no	ELX-I-41316-1				
ISO 406		chr	-	-				rel level	Released			
ISO 1101		appr	Kuriakose, San	2021/08/13	product family	METRAL						
surface 3.200	linear	Amphenol FCI			METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT		dwg no	89025		rev	CT	
	0.X											±0.3
	0.XX											±0.13
	0.XXX	±0.050	amphenol-icc.com		cat. no.	-	Product - Customer Drw		sheet 7 of 7			
ISO 1302	angular	0°	±2°									