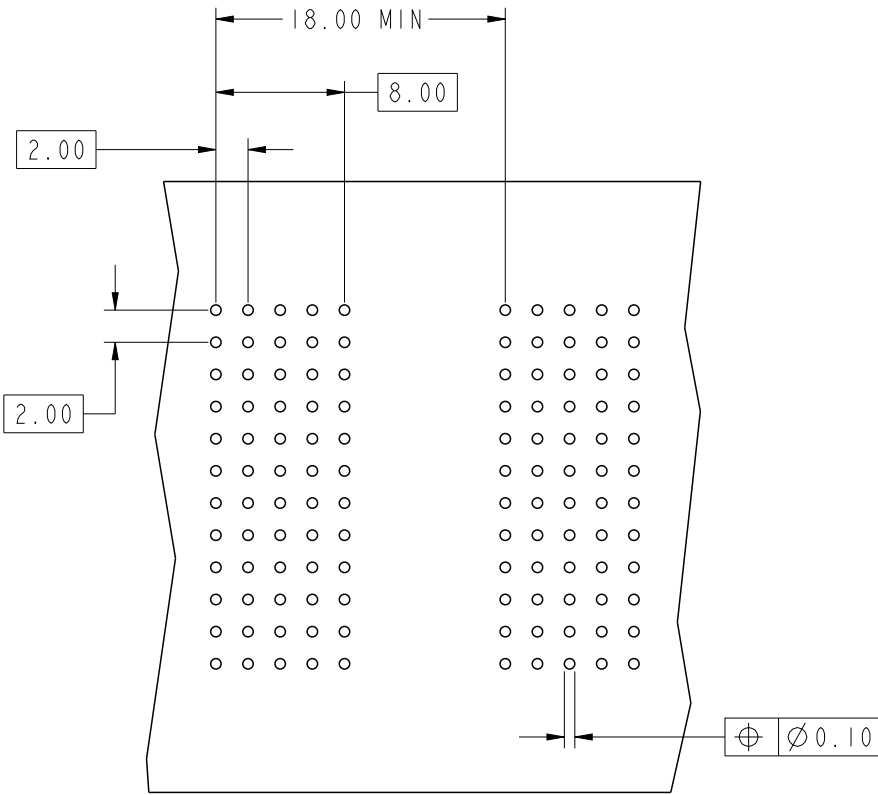


spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	11:10					
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/23		\longleftrightarrow	ecn no	ELX-I-41316-1							
ISO 406		chr	-	-			rel level	Released							
ISO 1101		appr	Kuriakose, San	2021/08/13			product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



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-FCI; AC; REV F; 2020-12-21

**Amphenol
FCI**

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METRAL P/N	ROW	CONTACT CODE MOD. I	METRAL P/N	ROW	CONTACT CODE MOD. I	METRAL P/N	ROW	CONTACT CODE MOD. I	METRAL P/N	ROW	CONTACT CODE MOD. I	METRAL P/N	ROW	CONTACT CODE MOD. I	METRAL P/N	ROW	CONTACT CODE MOD. I
89025-X01LF	E	10 10 10 10 10 10	89025-X05LF	E	26 12 12 12 12 23	89025-X09LF	E	21 21 12 11 10 11	89025-X13LF	E	10 10 10 10 10 10	89025-X17LF	E	2 2 2 2 2 2	89025-X21LF	E	25 25 25 25 25 25
	D	10 10 10 10 10 10		D	26 12 12 12 12 23		D	21 21 11 11 11 11		D	9 9 9 9 9 9		D	2 2 2 2 2 2		D	40 40 40 40 40 40
	C	9 9 9 9 9 9		C	23 12 12 12 12 23		C	21 21 11 11 11 11		C	10 10 10 10 10 10		C	4 4 4 4 4 4		C	25 25 25 25 25 25
	B	10 10 10 10 10 10		B	24 12 12 12 12 23		B	21 21 11 11 11 11		B	10 10 10 10 10 10		B	2 2 2 2 2 1		B	25 25 25 25 25 25
	A	3 3 3 3 3 3		A	24 12 12 12 12 23		A	21 21 11 11 11 11		A	2 2 2 2 2 2		A	2 2 2 2 2 2		A	3 3 3 3 3 3

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

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		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			dwg no			89025							
	0.X													±0.3		rev		
	0.XX													±0.13				
	0.XXX	±0.050		cat. no.			-											
ISO 1302	angular	0°	±2°		amphenol-icc.com			Product - Customer Drw										

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-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	19	-
	D	19	19	19	19	19	-
	C	19	19	19	19	19	-
	B	19	19	19	19	19	-
	A	19	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	ecn no	ELX-I-41316-1	
ISO 1302	angular						rel level	Released	
	0.X	±0.3	Amphenol FCI	METRAL SIGNAL HEADER			dwg no	89025	rev
	0.XX	±0.13		1 MOD, 5 ROW PRESS-FIT					
	0.XXX	±0.050							
	0°	±2°	amphenol-icc.com	cat. no.	-	Product - Customer Drw	sheet 5 of 7	CT	

METRAL P/N	ROW	CONTACT CODE MOD. I					
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	scale	1:10				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/06/23		MM		ecn no	ELX-I41316-1				
ISO 406		chr	-	-					rel level	Released			
ISO 1101		appr	Kuriakose, San	2021/08/13						product family	METRAL		
surface	3.200	linear	0.X	±0.3	Amphenol FCI	METRAL SIGNAL HEADER	dwg no	89025	rev				
ISO 1302	angular	0.XX	±0.13	amphenol-icc.com						cat. no.	-	Product - Customer Drw	sheet 6 of 7
		0.XXX	±0.050										

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:XXXXX-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 ISO 1101		chr	-	-				rel level	Released	
surface	3.200	appr	Kuriakose, San	2021/08/13	product family	METRAL		rel level	Released	
ISO 1302	linear	Amphenol FCI		part no	METRAL SIGNAL HEADER			dwg no	89025	
	angular	amphenol-icc.com		cat. no.	I MOD, 5 ROW PRESS-FIT			rev	CT	
	0.X ±0.3 0.XX ±0.13 0.XXX ±0.050	Product - Customer Drw			sheet 7 of 7					
	0° ±2°									