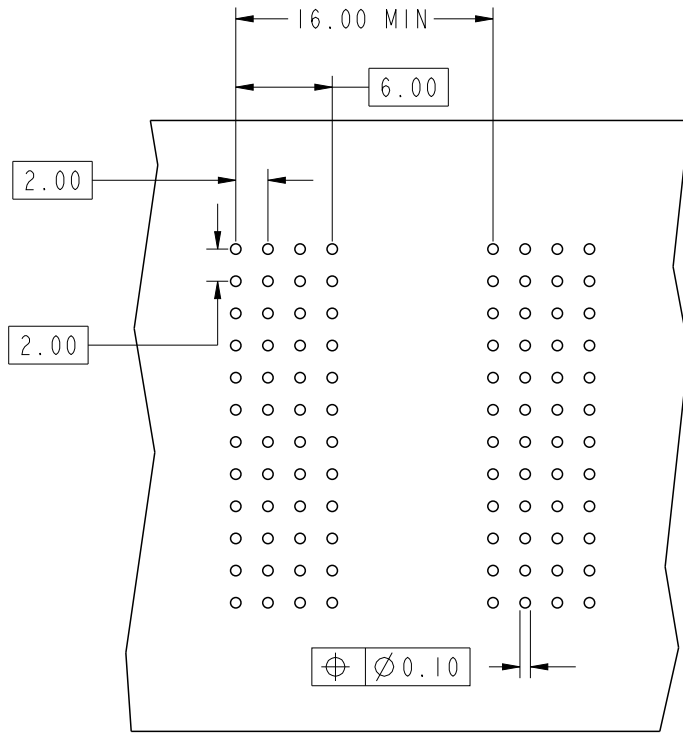


spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	1:10								
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/07/20			ecn no		ELX-I-41697-1									
ISO 406		chr	-	-			rel level		Released									
ISO 1101		appr	Kuriakose, San	2021/08/16	product family		METRAL											
surface	3.200 linear	Amphenol FCi www.fci.com			title		METRAL POWER HEADER		dwg no		70238		rev		AS			
	0.X																± 0.3	
	0.XX																± 0.13	
	0.XXX	$\pm .050$		cat. no.		-		Product - Customer Drw		sheet 1 of 6								
ISO 1302	angular	0°	$\pm 2^\circ$															

Creo F-114-ELX-MC-AAC, REV F, 2020-12-21



KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	6.50	4.30
2	7.25	4.30
3	8.00	4.30
4	6.50	13.60
5	7.25	13.60
6	8.00	13.60
7	6.50	17.00
8	7.25	17.00
9	8.00	17.00

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	21:10		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/07/20				ecn no	ELX-I-41697-1			
ISO 406 ISO 1101		chr	-	-				product family	METRAL	rel level	Released	
surface	3.200 linear	appr	Kuriakose, San	2021/08/16	product family			METRAL	rel level	Released		
ISO 1302	angular	0°	±2°	www.fci.com	title	METRAL POWER HEADER			dwg no	70238	rev	AS
					1 MOD, 4 ROW PRESS-FIT	cat. no.	-	Product - Customer Drw	sheet 2 of 6			

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X01LF	D	3	1
	C	3	1
	B	3	1
	A	3	1

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X06LF	D	1	1
	C	-	2
	B	-	3
	A	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X21LF	D	6	4
	C	6	4
	B	6	4
	A	6	4

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X26LF	D	4	4
	C	-	5
	B	-	6
	A	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X31LF	D	9	7
	C	9	7
	B	9	7
	A	9	7

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X02LF	D	3	2
	C	3	2
	B	3	2
	A	3	2

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X07LF	D	2	2
	C	1	1
	B	1	1
	A	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X22LF	D	6	5
	C	6	5
	B	6	5
	A	6	5

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X27LF	D	5	5
	C	4	4
	B	4	4
	A	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X32LF	D	9	8
	C	9	8
	B	9	8
	A	9	8

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X03LF	D	2	3
	C	2	3
	B	2	3
	A	2	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X08LF	D	2	2
	C	2	2
	B	2	2
	A	3	2

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X23LF	D	5	6
	C	5	6
	B	5	6
	A	5	6

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X28LF	D	5	5
	C	5	5
	B	5	5
	A	6	5

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X33LF	D	8	9
	C	8	9
	B	8	9
	A	8	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X04LF	D	3	3
	C	3	3
	B	3	3
	A	2	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X09LF	D	2	1
	C	2	1
	B	2	1
	A	2	1

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X24LF	D	6	6
	C	6	6
	B	6	6
	A	5	6

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X29LF	D	5	4
	C	5	4
	B	5	4
	A	5	4

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X34LF	D	9	9
	C	9	9
	B	9	9
	A	8	9

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X05LF	D	1	3
	C	1	3
	B	1	3
	A	1	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X10LF	D	1	2
	C	1	2
	B	1	2
	A	1	2

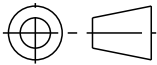


METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X25LF	D	4	6
	C	4	6
	B	4	6
	A	4	6

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X30LF	D	4	5
	C	4	5
	B	4	5
	A	4	5

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X35LF	D	7	9
	C	7	9
	B	7	9
	A	7	9

spec ref	*	dr	Terran Huang	2010/07/09	projection	MM	size	A4	scale	1:10
tolerance std	ISO 406 ISO 1101	eng	Rahul Mohan-M	2021/07/20			ecn no	ELX-I-41697-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-				rel level	Released	
surface	3.200 linear	appr	Kuriakose, San	2021/08/16	product family		METRAL		rev	AS
	ISO 1302	angular	0°	±2°	www.fci.com		cat. no.	-	Product - Customer Drw	sheet 3 of 6
					Amphenol FCI		METRAL POWER HEADER		dwg no	70238
							1 MOD, 4 ROW PRESS-FIT			

METRAL P/N	ROW	CONTACT CODE MOD. 1		METRAL P/N	ROW	CONTACT CODE MOD. 1		METRAL P/N	ROW	CONTACT CODE MOD. 1		METRAL P/N	ROW	CONTACT CODE MOD. 1		METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2			1	2			1	2			1	2			1	2
70238-X65LF	D	7	7	70238-X70LF	D	1	1	70238-X75LF	D	3	2	70238-X80LF	D	1	3	70238-X85LF	D	2	3
	C	7	7		C	2	2		C	3	2		C	1	3		C	2	3
	B	7	7		B	1	1		B	1	3		B	1	3		B	2	3
	A	9	9		A	2	2		A	2	3		A	1	3		A	2	3
70238-X66LF	D	7	7	70238-X71LF	D	3	3	70238-X76LF	D	2	2	70238-X81LF	D	3	1	70238-X86LF	D	1	3
	C	7	7		C	-	-		C	1	1		C	3	1		C	3	3
	B	9	7		B	2	2		B	1	1		B	3	1		B	3	3
	A	9	7		A	2	2		A	1	1		A	3	1		A	3	3
70238-X67LF	D	9	9	70238-X72LF	D	1	1	70238-X77LF	D	2	2	70238-X82LF	D	1	1	70238-X87LF	D	2	3
	C	9	9		C	-	-		C	3	3		C	1	1		C	2	3
	B	7	9		B	-	-		B	2	2		B	3	3		B	2	1
	A	9	9		A	1	1		A	3	2		A	3	1		A	2	3
70238-X68LF	D	9	9	70238-X73LF	D	2	3	70238-X78LF	D	3	3	70238-X83LF	D	1	1	70238-X88LF	D	3	2
	C	9	7		C	2	3		C	3	3		C	1	1		C	3	2
	B	7	7		B	2	1		B	3	3		B	3	2		B	2	3
	A	9	9		A	2	3		A	2	3		A	1	1		A	2	3
70238-X69LF	D	2	2	70238-X74LF	D	3	2	70238-X79LF	D	-	2	70238-X84LF	D	3	2	70238-X89LF	D	3	2
	C	2	2		C	3	2		C	-	2		C	3	2		C	3	2
	B	1	1		B	2	3		B	-	2		B	3	2		B	1	3
	A	2	3		A	2	3		A	-	2		A	3	2		A	2	3

spec ref *		dr Terran Huang		2010/07/09		projection		size A4		scale 1:10							
tolerance std		eng Rahul Mohan-M		2021/07/20						ecn no ELX-I-41697-1							
ISO 406 ISO 1101		chr -		-						rel level Released							
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr Kuriakose, San		2021/08/16		product family METRAL		surface 3.200		rev AS							
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>0.X</td> <td>±0.3</td> </tr> <tr> <td>0.XX</td> <td>±0.13</td> </tr> <tr> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0° ±2°</td> </tr> </table>		0.X	±0.3	0.XX	±0.13	0.XXX	±.050	angular	0° ±2°			METRAL POWER HEADER 1 MOD, 4 ROW PRESS-FIT		dwg no 70238		sheet 5 of 6	
0.X	±0.3																
0.XX	±0.13																
0.XXX	±.050																
angular	0° ±2°																
ISO 1302		www.fci.com		cat. no. -		Product - Customer Drw											

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X90LF	D	2	3
	C	2	3
	B	2	1
	A	2	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X95LF	D	1	-
	C	-	1
	B	1	-
	A	-	1

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X91LF	D	1	1
	C	1	3
	B	3	3
	A	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X96LF	D	3	3
	C	3	2
	B	3	2
	A	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X92LF	D	-	1
	C	-	1
	B	-	1
	A	-	1

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X97LF	D	3	1
	C	2	2
	B	2	2
	A	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X93LF	D	1	2
	C	2	2
	B	1	3
	A	1	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X98LF	D	3	2
	C	3	2
	B	3	3
	A	3	3

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70238-X94LF	D	1	-
	C	1	-
	B	3	-
	A	1	-

NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- MATERIAL : BODY : THERMOPLASTIC UL94-V0.
: CONTACT : 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-XXXPLF
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE 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.
- 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	1:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/07/20			ecn no		ELX-I-41697-1	
ISO 406		chr	-	-			rel level		Released	
ISO 1101		appr	Kuriakose, San	2021/08/16	product family		METRAL			
surface	3.200 linear	Amphenol FCI title METRAL POWER HEADER I MOD, 4 ROW PRESS-FIT www.fci.com			dwg no		70238		rev	AS
	0.X ±0.3				rel level		Released			
	0.XX ±0.13				product family		METRAL			
	0.XXX ±.050	cat. no.		-		Product - Customer Drw		sheet 6 of 6		
ISO 1302	angular 0° ±2°	cat. no.		-		Product - Customer Drw		sheet 6 of 6		