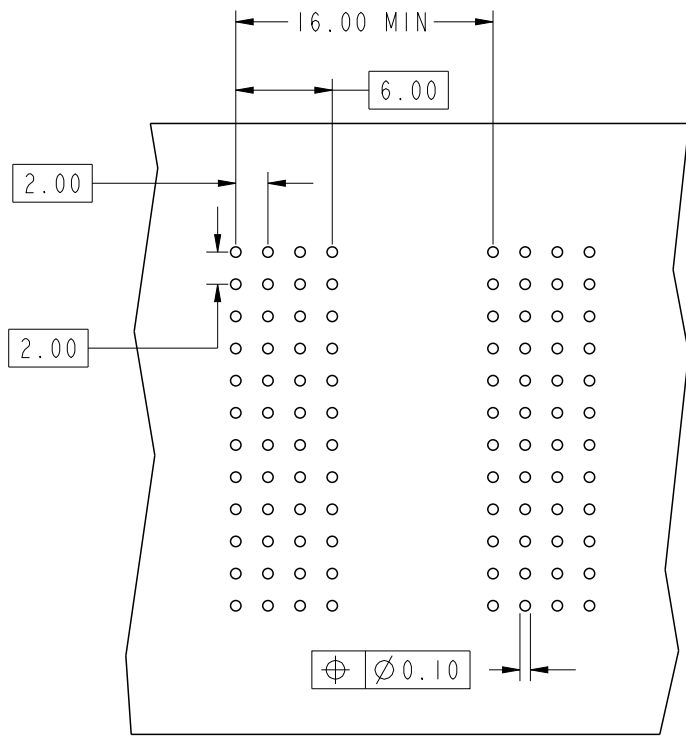


spec ref *		dr <b>Terran Huang</b> 2010/07/09		projection 	MM 	size A4	scale 1:10
tolerance std ISO 406 ISO 1101		eng <b>Rahul Mohan-M</b> 2021/07/20				ecn no ELX-I-41697-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -				rel level <b>Released</b>	
surface $3.200$ linear		0.X $\pm 0.3$	appr <b>Kuriakose, San</b> 2021/08/16		product family METRAL		rev
ISO 1302		0.XX $\pm 0.13$	Amphenol FCi www.fci.com		METRAL POWER HEADER		70238
		0.XXX $\pm .050$			1 MOD, 4 ROW PRESS-FIT		
angular $0^\circ$		$0^\circ$	cat. no. -		Product - Customer Drw		sheet 1 of 6

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	-	-			rel level	Released		
surface	3.200 linear	appr	Kuriakose, San	2021/08/16	product family	METRAL	dwg no	70238	rev	AS
ISO 1302	angular	0°	±2°	www.fci.com	title	METRAL POWER HEADER 1 MOD, 4 ROW PRESS-FIT	cat. no.	-	Product - Customer Drw	sheet 2 of 6



A

B

C

D

70238-X36LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X41LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X46LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X53LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X58LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2
	D		7	7	D		3		2	D	1		1		D	6	6		D		6	6							
	C		-	8	C		3		-	C	1		1		C	6	6		C		6	4							
	B		-	9	B		3		2	B	3		1		B	4	4		B		4	4							
A	9	9	A	-	-	A	-	-	A	3	1	A	4	4	A	6	6												

70238-X37LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X42LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X47LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X54LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X61LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2
	D		8	8	D		-		3	D	3		3		D	4	4		D		9	8							
	C		7	7	C		-		3	C	3		3		C	4	4		C		9	-							
	B		7	7	B		-		3	B	1		3		B	4	6		B		9	8							
A	9	9	A	-	3	A	-	3	A	3	3	A	4	4	A	-	-												

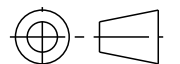


70238-X38LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X43LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X48LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X55LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X62LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2
	D		8	8	D		3		3	D	3		3		D	4	4		D		-	9							
	C		8	8	C		3		3	C	3		1		C	4	4		C		-	9							
	B		8	8	B		1		1	B	1		1		B	4	4		B		-	9							
A	9	8	A	1	1	A	3	3	A	6	6	A	-	9															

70238-X39LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X44LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X51LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X56LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X63LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2
	D		8	7	D		1		1	D	6		5		D	4	4		D		9	9							
	C		8	7	C		1		1	C	6		-		C	4	4		C		9	9							
	B		8	7	B		1		3	B	6		5		B	6	4		B		7	7							
A	8	7	A	1	1	A	-	-	A	6	4	A	7	7															

70238-X40LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X45LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X52LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X57LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2	70238-X64LF	CONTACT CODE MOD. I	METRAL P/N	ROW	1	2
	D		7	8	D		1		1	D	-		6		D	6	6		D		7	7							
	C		7	8	C		1		1	C	-		6		C	6	6		C		7	7							
	B		7	8	B		1		1	B	-		6		B	4	6		B		7	9							
A	7	8	A	3	3	A	-	6	A	6	6	A	7	7															

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

Creo F-114; ELX-MC-AFC; REV F; 2020-12-21

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	
		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 <b>Terran Huang</b>		2010/07/09		projection		size A4		scale 1:10	
tolerance std		eng <b>Rahul Mohan-M</b>		2021/07/20						ecn no <b>ELX-I-41697-1</b>	
ISO 406 ISO 1101		chr -		-						rel level <b>Released</b>	
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr <b>Kuriakose, San</b>		2021/08/16		product family <b>METRAL</b>		rev		sheet 5 of 6	
surface 3.200 linear		0.X ±0.3				<b>METRAL POWER HEADER</b> 1 MOD, 4 ROW PRESS-FIT		dwg no <b>70238</b>		rev <b>AS</b>	
		0.XX ±0.13									
		0.XXX ±.050									
ISO 1302		angular 0° ±2°		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  $\Delta$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref *	dr <b>Terran Huang</b>	2010/07/09	projection	size	scale									
tolerance std	eng <b>Rahul Mohan-M</b>	2021/07/20		A4	11:10									
ISO 406 ISO 1101	chr -	-				ecn no	ELX-I-41697-1							
surface 3.200 linear	appr <b>Kuriakose, San</b>	2021/08/16	product family	METRAL	rel level	Released								
ISO 1302	angular	0°	±0.3	±0.13	±0.050	±2°	Amphenol FCI	title	METRAL POWER HEADER	1 MOD, 4 ROW PRESS-FIT	dwg no	70238	rev	AS
	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 6 of 6									