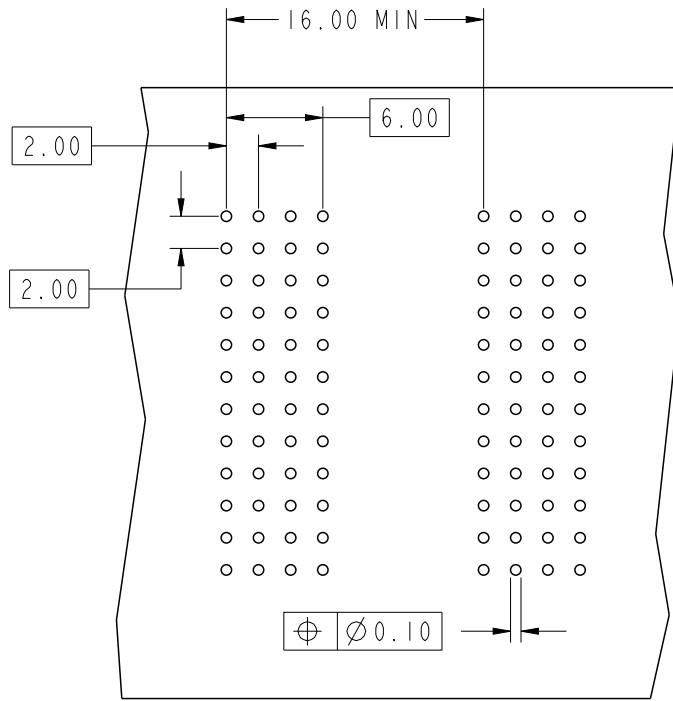


spec ref *		dr Terran Huang		2010/07/09		projection		size A4		scale 2:10							
tolerance std		eng Rahul Mohan-M		2021/08/13						ecn no ELX-I-41185-1							
ISO 406 ISO 1101		chr -		-						rel level Released							
surface		appr Kuriakose, San		2021/08/13		product family METRAL		rev		70236							
ISO 1302		linear		0.X ±0.3		Amphenol FCI		title METRAL POWER HEADER 1 MOD, 4 ROW PRESS-FIT		cat. no. * Product - Customer Drw							
✓		0.XX ±0.13		0.XXX ±0.051								dwg no		70236		AM	
		angular		0° ±2°								sheet 1 of 6					



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

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
P01	6.50	4.30
P02	7.25	4.30
P03	8.00	4.30
P04	6.50	13.60
P05	7.25	13.60
P06	8.00	13.60
P07	6.50	17.00
P08	7.25	17.00
P09	8.00	17.00
P16	5.00	4.30
P17	5.75	4.30

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	2021/08/13			ecn no	ELX-I-41185-1		
ISO 406 ISO 1101		chr	-	-			rel level	Released		
surface	3.200	appr	Kuriakose, San	2021/08/13	product family	METRAL	dwg no	70236	rev	AM
ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	METRAL POWER HEADER	cat. no.	-	Product - Customer Drw	sheet 2 of 6
		0.XX	±0.13							
		0.XXX	±0.051							
	angular	0°	±2°							

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X00LF	D	P03	P03
	C	P02	P02
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X05LF	D	P01	P01
	C	P01	P01
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X10LF	D	P16	P16
	C	P16	P16
	B	P16	P16
	A	P16	P16

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X15LF	D	P02	P02
	C	P02	P02
	B	P02	P02
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X24LF	D	P05	P05
	C	P06	P06
	B	P06	P06
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X01LF	D	P01	P01
	C	P01	P01
	B	P01	P01
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X06LF	D	P03	P03
	C	P02	P02
	B	P02	P02
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X11LF	D	P16	P16
	C	P16	P16
	B	P16	P16
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X20LF	D	P06	P06
	C	P05	P05
	B	P04	P04
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X25LF	D	P04	P04
	C	P04	P04
	B	P04	P04
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X02LF	D	P01	P01
	C	P02	P02
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X07LF	D	P01	P01
	C	P01	P01
	B	P02	P02
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X12LF	D	P01	P01
	C	P17	P17
	B	P17	P17
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X21LF	D	P04	P04
	C	P04	P04
	B	P04	P04
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X26LF	D	P06	P06
	C	P05	P05
	B	P05	P05
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X03LF	D	P01	P01
	C	P01	P01
	B	P03	P03
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X08LF	D	P03	P03
	C	P03	P03
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X13LF	D	P17	P17
	C	P17	P17
	B	P02	P02
	A	P17	P17

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X22LF	D	P04	P04
	C	P05	P05
	B	P06	P06
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X27LF	D	P04	P04
	C	P04	P04
	B	P05	P05
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X04LF	D	P02	P02
	C	P03	P03
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X09LF	D	P03	P03
	C	P03	P03
	B	P02	P02
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X14LF	D	P17	P17
	C	P17	P17
	B	P17	P17
	A	P17	P17

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X23LF	D	P04	P04
	C	P04	P04
	B	P06	P06
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X28LF	D	P06	P06
	C	P06	P06
	B	P06	P06
	A	P06	P06

spec ref	*	dr	Terran Huang	2010/07/09	projection	size	A4	scale	1:10		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/08/13		MM	ecn no	ELX-I-41185-1	rel level	Released	
ISO 406		chr	-	-							
ISO 1101		appr	Kuriakose, San	2021/08/13	product family	METRAL	rev				
surface 3.200	linear	Amphenol FCI			METRAL POWER HEADER			dwg no	70236	AM	
	0.X										±0.3
	0.XX										±0.13
	0.XXX	±0.051	cat. no.			Product - Customer Drw			sheet 3 of 6		
ISO 1302	angular	0°	±2°								

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X29LF	D	P06	P06
	C	P06	P06
	B	P05	P05
	A	P05	P05

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X34LF	D	P08	P08
	C	P09	P09
	B	P09	P09
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X39LF	D	P09	P09
	C	P09	P09
	B	P08	P08
	A	P08	P08

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X44LF	D	P02	P02
	C	P02	P02
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X49LF	D	P02	P02
	C	P02	P02
	B	P02	P02
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X30LF	D	P09	P09
	C	P08	P08
	B	P07	P07
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X35LF	D	P07	P07
	C	P07	P07
	B	P07	P07
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X40LF	D	P01	P01
	C	P03	P03
	B	P02	P02
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X45LF	D	P03	P03
	C	P02	P02
	B	P02	P02
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X50LF	D	P04	P04
	C	P06	P06
	B	P05	P05
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X31LF	D	P07	P07
	C	P07	P07
	B	P07	P07
	A	P07	P07

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X36LF	D	P09	P09
	C	P08	P08
	B	P08	P08
	A	P07	P07

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X41LF	D	P02	P02
	C	P02	P02
	B	P02	P02
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X46LF	D	P02	P02
	C	P01	P01
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X51LF	D	P05	P05
	C	P05	P05
	B	P05	P05
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X32LF	D	P07	P07
	C	P08	P08
	B	P09	P09
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X37LF	D	P07	P07
	C	P07	P07
	B	P08	P08
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X42LF	D	P01	P01
	C	P02	P02
	B	P03	P03
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X47LF	D	P03	P03
	C	P01	P01
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X52LF	D	P04	P04
	C	P05	P05
	B	P06	P06
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X33LF	D	P07	P07
	C	P07	P07
	B	P09	P09
	A	P07	P07

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X38LF	D	P09	P09
	C	P09	P09
	B	P09	P09
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X43LF	D	P02	P02
	C	P02	P02
	B	P03	P03
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X48LF	D	P02	P02
	C	P03	P03
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X53LF	D	P05	P05
	C	P05	P05
	B	P06	P06
	A	P05	P05

spec ref	*	dr	Terran Huang	2010/07/09	projection		size	A4	scale	1:10
tolerance std	ISO 406 ISO 1101	eng	Rahul Mohan-M	2021/08/13			ecn no	ELX-I-41185-1		
	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-			rel level	Released		
surface	3.200	appr	Kuriakose, San	2021/08/13	product family	METRAL				
	linear	0.X	±0.3	Amphenol FCI	title	METRAL POWER HEADER	dwg no	70236	rev	AM
		0.XX	±0.13							
		0.XXX	±0.051							
	angular	0°	±2°	cat. no.	-	Product - Customer Drw	sheet	4 of 6		

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X54LF	D	P05	P05
	C	P05	P05
	B	P06	P06
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X59LF	D	P05	P05
	C	P05	P05
	B	P05	P05
	A	P05	P05

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X64LF	D	P08	P08
	C	P08	P08
	B	P09	P09
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X69LF	D	P08	P08
	C	P08	P08
	B	P08	P08
	A	P08	P08

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X92LF	D	P03	P03
	C	P01	P01
	B	P03	P03
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X55LF	D	P06	P06
	C	P05	P05
	B	P05	P05
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X60LF	D	P07	P07
	C	P09	P09
	B	P08	P08
	A	P07	P07

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X65LF	D	P09	P09
	C	P08	P08
	B	P08	P08
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X70LF	D	P01	P01
	C	P01	P01
	B	P02	P02
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X93LF	D	P01	P01
	C	P03	P03
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X56LF	D	P05	P05
	C	P04	P04
	B	P04	P04
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X61LF	D	P08	P08
	C	P08	P08
	B	P08	P08
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X66LF	D	P08	P08
	C	P07	P07
	B	P07	P07
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X80LF	D	P04	P04
	C	P04	P04
	B	P05	P05
	A	P05	P05

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X94LF	D	P16	P16
	C	P01	P01
	B	P01	P01
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X57LF	D	P06	P06
	C	P04	P04
	B	P04	P04
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X62LF	D	P07	P07
	C	P08	P08
	B	P09	P09
	A	P07	P07

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X67LF	D	P09	P09
	C	P07	P07
	B	P07	P07
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X90LF	D	P07	P07
	C	P07	P07
	B	P08	P08
	A	P08	P08

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X95LF	D	P02	P02
	C	P02	P02
	B	P01	P01
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X58LF	D	P05	P05
	C	P06	P06
	B	P04	P04
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X63LF	D	P08	P08
	C	P08	P08
	B	P09	P09
	A	P08	P08

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X68LF	D	P08	P08
	C	P09	P09
	B	P07	P07
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X91LF	D	P16	P16
	C	P16	P16
	B	P01	P01
	A	P16	P16

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X96LF	D	P03	P03
	C	P02	P02
	B	P17	P17
	A	P03	P03

spec ref	*	dr	Terran Huang	2010/07/09	projection	size	A4	scale	1:10	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/08/13		MM	ecn no	ELX-I-41185-1	rel level	Released
ISO 406		chr	-	-						
ISO 1101		appr	Kuriakose, San	2021/08/13	product family	METRAL				
surface 3.200	linear	0.X	±0.3	Amphenol FCI	title	METRAL POWER HEADER	dwg no	70236	rev	AM
ISO 1302		0.XX	±0.13							
		angular	0°	±2°	cat. no.	-	Product - Customer Drw	sheet 5 of 6		

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X97LF	D	P01	P01
	C	P03	P03
	B	P03	P03
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X102LF	D	P02	P02
	C	P02	P02
	B	P02	P03
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X98LF	D	P02	P02
	C	P03	P03
	B	P03	P03
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X103LF	D	P05	P05
	C	P05	P05
	B	P05	P06
	A	P05	P05

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X99LF	D	P03	P03
	C	P16	P16
	B	P16	P16
	A	P16	P16

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X100LF	D	P03	P03
	C	P16	P16
	B	P16	P16
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X101LF	D	P03	P03
	C	-	-
	B	P02	P02
	A	P01	P01

NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- MATERIAL : BODY : THERMOPLASTIC UL94-V0. \triangle
CONTACT : COPPER ALLOY.
- FOR PLATING PERFORMANCE REFER DRAWING # 10159408. \triangle
- 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. \triangle
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- 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	MM	size	A4	scale	1:10				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Rahul Mohan-M	2021/08/13			ecn no		ELX-I-41185-1					
ISO 406		chr	-	-			rel level		Released					
ISO 1101		appr	Kuriakose, San	2021/08/13	product family		METRAL		rev	AM				
surface 3.200	linear	Amphenol FCi			title		METRAL POWER HEADER		dwg no		70236			
	0.X												±0.3	
	0.XX												±0.13	
	0.XXX	±0.051		cat. no.		Product - Customer Drw		sheet 6 of 6						
ISO 1302	angular	0°	±2°											