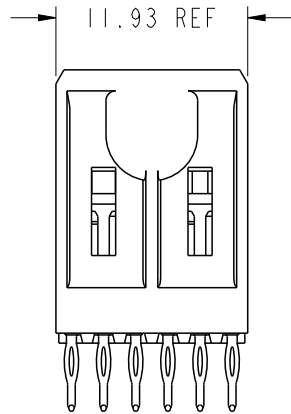
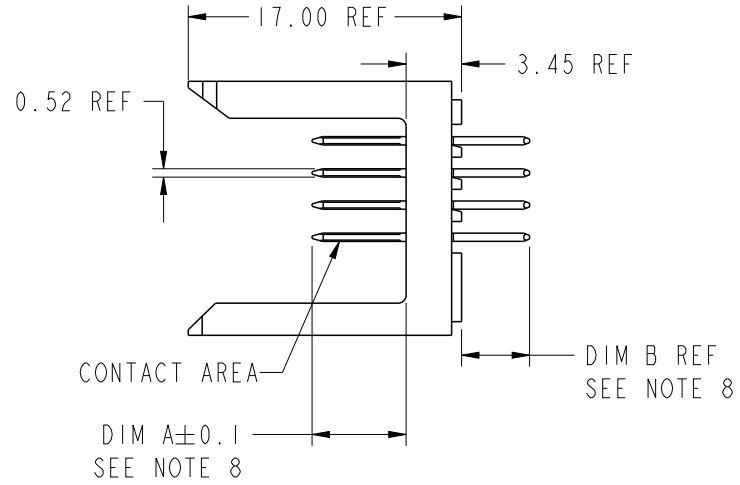
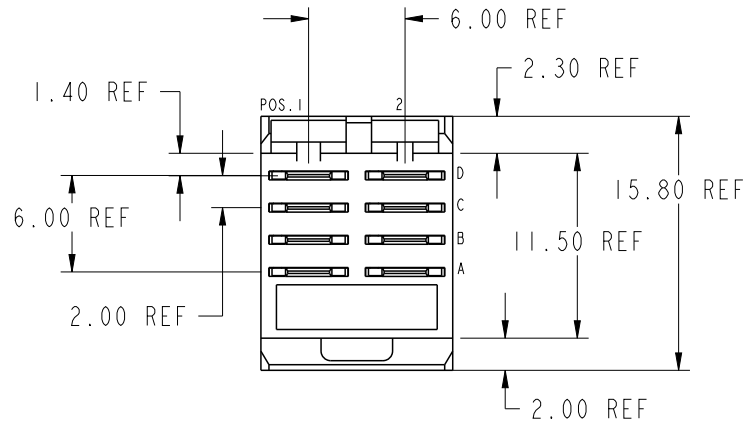
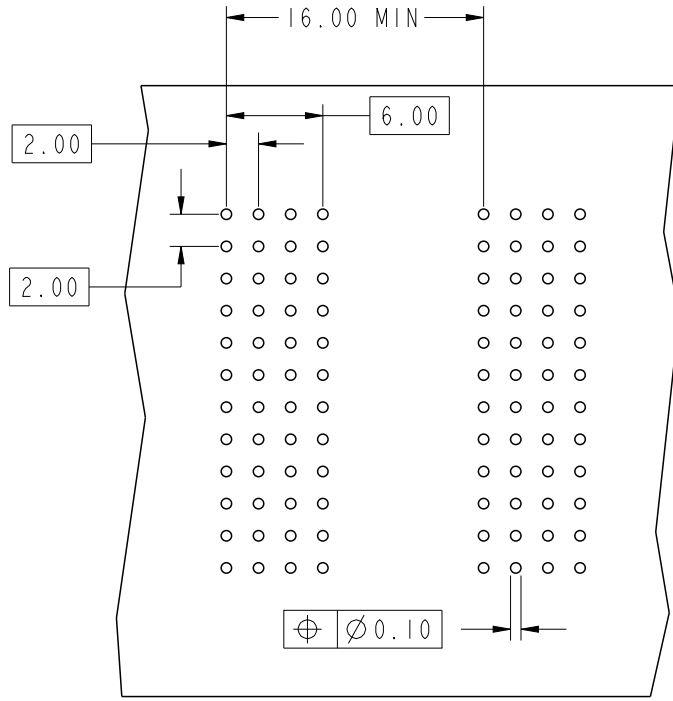


PRODUCT NUMBER
70236-XYX
70236-XYXLF



PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS 1	-
-5YY	TELCORDIA UE	-
-1YYLF	TELCORDIA CO IEC CLASS 1	SEE NOTE 10
-2YYLF	TELECOM CLASS	SEE NOTE 10
-5YYLF	TELCORDIA UE	SEE NOTE 10

spec ref	*	dr	Terran Huang	2010/07/09	projection	mm	size	A4	scale	21:10												
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Narayanan, Aru	2018/07/26			ecn no		ELX-I-30251-1													
ISO 406		chr	-	-			rel level		Released													
ISO 1101		appr	K-Paul Biju	2018/08/09	product family		METRAL															
surface	linear	Amphenol FCI			title		METRAL POWER HEADER		dwg no		70236		rev									
	0.X														±0.3		cat. no.		Product - Customer Drw		sheet 1 of 6	
	0.XX														±0.13							
	0.XXX	±0.051																				
ISO 1302	angular	0°	±2°																			



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	Narayanan, Aru	2018/07/26			ecn no	ELX-I-30251-1				
ISO 406 ISO 1101		chr	-	-			rel level	Released				
surface	3.200	appr	K-Paul Biju	2018/08/09	product family	METRAL	rev					
ISO 1302	linear	0.X	±0.3	Amphenol FCi	title	METRAL POWER HEADER	dwg no	70236	cat. no.	-	Product - Customer Drw	sheet 2 of 6
		0.XX	±0.13									
		0.XXX	±0.051									
	angular	0°	±2°									

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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	
		1	2			1	2			1	2			1	2
70236-X00 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03	70236-X05 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01	70236-X10 SEE NOTE 11 LEAD FREE OPTION	D	P16	P16	70236-X15 SEE NOTE 11 LEAD FREE OPTION	D	P02	P02
	C	P02	P02		C	P01	P01		C	P16	P16		C	P02	P02
	B	P01	P01		B	P01	P01		B	P16	P16		B	P02	P02
	A	P03	P03		A	P03	P03		A	P16	P16		A	P02	P02
70236-X01 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01	70236-X06 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03	70236-X11 SEE NOTE 11 LEAD FREE OPTION	D	P16	P16	70236-X20 SEE NOTE 11 LEAD FREE OPTION	D	P06	P06
	C	P01	P01		C	P02	P02		C	P16	P16		C	P05	P05
	B	P01	P01		B	P02	P02		B	P16	P16		B	P04	P04
	A	P01	P01		A	P01	P01		A	P01	P01		A	P06	P06
70236-X02 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01	70236-X07 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01	70236-X12 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01	70236-X21 SEE NOTE 11 LEAD FREE OPTION	D	P04	P04
	C	P02	P02		C	P01	P01		C	P17	P17		C	P04	P04
	B	P03	P03		B	P02	P02		B	P17	P17		B	P04	P04
	A	P03	P03		A	P03	P03		A	P01	P01		A	P04	P04
70236-X03 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01	70236-X08 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03	70236-X13 SEE NOTE 11 LEAD FREE OPTION	D	P17	P17	70236-X22 SEE NOTE 11 LEAD FREE OPTION	D	P04	P04
	C	P01	P01		C	P03	P03		C	P17	P17		C	P05	P05
	B	P03	P03		B	P03	P03		B	P02	P02		B	P06	P06
	A	P01	P01		A	P03	P03		A	P17	P17		A	P06	P06
70236-X04 SEE NOTE 11 LEAD FREE OPTION	D	P02	P02	70236-X09 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03	70236-X14 SEE NOTE 11 LEAD FREE OPTION	D	P17	P17	70236-X23 SEE NOTE 11 LEAD FREE OPTION	D	P04	P04
	C	P03	P03		C	P03	P03		C	P17	P17		C	P04	P04
	B	P03	P03		B	P02	P02		B	P17	P17		B	P06	P06
	A	P03	P03		A	P02	P02		A	P17	P17		A	P04	P04
70236-X24 SEE NOTE 11 LEAD FREE OPTION	D	P05	P05	70236-X25 SEE NOTE 11 LEAD FREE OPTION	D	P04	P04	70236-X26 SEE NOTE 11 LEAD FREE OPTION	D	P06	P06	70236-X27 SEE NOTE 11 LEAD FREE OPTION	D	P04	P04
	C	P06	P06		C	P04	P04		C	P04	P04		C	P04	P04
	B	P06	P06		B	P04	P04		B	P05	P05		B	P05	P05
	A	P06	P06		A	P04	P04		A	P04	P04		A	P06	P06
70236-X25 SEE NOTE 11 LEAD FREE OPTION	D	P04	P04	70236-X26 SEE NOTE 11 LEAD FREE OPTION	D	P06	P06	70236-X27 SEE NOTE 11 LEAD FREE OPTION	D	P04	P04	70236-X28 SEE NOTE 11 LEAD FREE OPTION	D	P06	P06
	C	P04	P04		C	P05	P05		C	P04	P04		C	P06	P06
	B	P04	P04		B	P05	P05		B	P06	P06		B	P06	P06
	A	P06	P06		A	P04	P04		A	P06	P06		A	P06	P06

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spec ref *		dr Terran Huang		2010/07/09		projection		size A4		scale 1:10	
tolerance std		eng Narayanan, Anu		2018/07/26						ecn no ELX-I-30251-1	
ISO 406 ISO 1101		chr -		-						rel level Released	
surface 3.200		appr K-Paul Biju		2018/08/09		product family METRAL		rev		70236	
ISO 1302		linear		0.X ±0.3				METRAL POWER HEADER		dwg no	
		angular		0.XX ±0.13				I MOD, 4 ROW PRESS-FIT		AK	
				0.XXX ±0.051		cat. no. -		Product - Customer Drw		sheet 3 of 6	
				0° ±2°							

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METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X29 SEE NOTE 11 LEAD FREE OPTION	D	P06	P06
	C	P06	P06
	B	P05	P05
	A	P05	P05

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X30 SEE NOTE 11 LEAD FREE OPTION	D	P09	P09
	C	P08	P08
	B	P07	P07
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X31 SEE NOTE 11 LEAD FREE OPTION	D	P07	P07
	C	P07	P07
	B	P07	P07
	A	P07	P07

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X32 SEE NOTE 11 LEAD FREE OPTION	D	P07	P07
	C	P08	P08
	B	P09	P09
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X33 SEE NOTE 11 LEAD FREE OPTION	D	P07	P07
	C	P07	P07
	B	P09	P09
	A	P07	P07

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X34 SEE NOTE 11 LEAD FREE OPTION	D	P08	P08
	C	P09	P09
	B	P09	P09
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X35 SEE NOTE 11 LEAD FREE OPTION	D	P07	P07
	C	P07	P07
	B	P07	P07
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X36 SEE NOTE 11 LEAD FREE OPTION	D	P09	P09
	C	P08	P08
	B	P08	P08
	A	P07	P07

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X37 SEE NOTE 11 LEAD FREE OPTION	D	P07	P07
	C	P07	P07
	B	P08	P08
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X38 SEE NOTE 11 LEAD FREE OPTION	D	P09	P09
	C	P09	P09
	B	P09	P09
	A	P09	P09

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X39 SEE NOTE 11 LEAD FREE OPTION	D	P09	P09
	C	P09	P09
	B	P08	P08
	A	P08	P08

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X40 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01
	C	P03	P03
	B	P02	P02
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X41 SEE NOTE 11 LEAD FREE OPTION	D	P02	P02
	C	P02	P02
	B	P02	P02
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X42 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01
	C	P02	P02
	B	P03	P03
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X43 SEE NOTE 11 LEAD FREE OPTION	D	P02	P02
	C	P02	P02
	B	P03	P03
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X44 SEE NOTE 11 LEAD FREE OPTION	D	P02	P02
	C	P02	P02
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X45 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03
	C	P02	P02
	B	P02	P02
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X46 SEE NOTE 11 LEAD FREE OPTION	D	P02	P02
	C	P01	P01
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X47 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03
	C	P01	P01
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X48 SEE NOTE 11 LEAD FREE OPTION	D	P02	P02
	C	P03	P03
	B	P01	P01
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X49 SEE NOTE 11 LEAD FREE OPTION	D	P02	P02
	C	P02	P02
	B	P02	P02
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X50 SEE NOTE 11 LEAD FREE OPTION	D	P04	P04
	C	P06	P06
	B	P05	P05
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X51 SEE NOTE 11 LEAD FREE OPTION	D	P05	P05
	C	P05	P05
	B	P05	P05
	A	P06	P06

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X52 SEE NOTE 11 LEAD FREE OPTION	D	P04	P04
	C	P05	P05
	B	P06	P06
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
70236-X53 SEE NOTE 11 LEAD FREE OPTION	D	P05	P05
	C	P05	P05
	B	P06	P06
	A	P05	P05

spec ref	*	dr	Terran Huang	2010/07/09	projection	mm	size	A4	scale	1:10
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Narayanan, Aru	2018/07/26			ecn no	ELX-I-30251-1	rel level	Released
ISO 406 ISO 1101		chr	-	-						
surface 3.200	linear	appr	K-Paul Biju	2018/08/09	product family		METRAL		rev	AK
ISO 1302	angular	Amphenol FCI		METRAL POWER HEADER		dwg no		70236		
	0.X ±0.3 0.XX ±0.13 0.XXX ±0.051			1 MOD, 4 ROW PRESS-FIT						
	0° ±2°	cat. no.		-		Product - Customer Drw		sheet 4 of 6		

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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	
		1	2			1	2			1	2			1	2
70236-X54 SEE NOTE 11 LEAD FREE OPTION	D	P05	P05	70236-X59 SEE NOTE 11 LEAD FREE OPTION	D	P05	P05	70236-X64 SEE NOTE 11 LEAD FREE OPTION	D	P08	P08	70236-X69 SEE NOTE 11 LEAD FREE OPTION	D	P08	P08
	C	P05	P05		C	P05	P05		C	P08	P08		C	P08	P08
	B	P06	P06		B	P05	P05		B	P09	P09		B	P08	P08
	A	P06	P06		A	P05	P05		A	P09	P09		A	P08	P08
70236-X55 SEE NOTE 11 LEAD FREE OPTION	D	P06	P06	70236-X60 SEE NOTE 11 LEAD FREE OPTION	D	P07	P07	70236-X65 SEE NOTE 11 LEAD FREE OPTION	D	P09	P09	70236-X70 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01
	C	P05	P05		C	P09	P09		C	P01	P01		C	P01	P01
	B	P05	P05		B	P08	P08		B	P02	P02		B	P02	P02
	A	P06	P06		A	P07	P07		A	P09	P09		A	P02	P02
70236-X56 SEE NOTE 11 LEAD FREE OPTION	D	P05	P05	70236-X61 SEE NOTE 11 LEAD FREE OPTION	D	P08	P08	70236-X66 SEE NOTE 11 LEAD FREE OPTION	D	P08	P08	70236-X80 SEE NOTE 11 LEAD FREE OPTION	D	P04	P04
	C	P04	P04		C	P08	P08		C	P04	P04		C	P04	P04
	B	P04	P04		B	P08	P08		B	P05	P05		B	P05	P05
	A	P06	P06		A	P09	P09		A	P05	P05		A	P05	P05
70236-X57 SEE NOTE 11 LEAD FREE OPTION	D	P06	P06	70236-X62 SEE NOTE 11 LEAD FREE OPTION	D	P07	P07	70236-X67 SEE NOTE 11 LEAD FREE OPTION	D	P09	P09	70236-X90 SEE NOTE 11 LEAD FREE OPTION	D	P07	P07
	C	P04	P04		C	P08	P08		C	P07	P07		C	P07	P07
	B	P04	P04		B	P09	P09		B	P07	P07		B	P08	P08
	A	P06	P06		A	P07	P07		A	P09	P09		A	P08	P08
70236-X58 SEE NOTE 11 LEAD FREE OPTION	D	P05	P05	70236-X63 SEE NOTE 11 LEAD FREE OPTION	D	P08	P08	70236-X68 SEE NOTE 11 LEAD FREE OPTION	D	P08	P08	70236-X91 SEE NOTE 11 LEAD FREE OPTION	D	P16	P16
	C	P06	P06		C	P08	P08		C	P09	P09		C	P16	P16
	B	P04	P04		B	P09	P09		B	P07	P07		B	P01	P01
	A	P06	P06		A	P08	P08		A	P09	P09		A	P16	P16
70236-X92 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03	70236-X93 SEE NOTE 11 LEAD FREE OPTION	D	P01	P01	70236-X94 SEE NOTE 11 LEAD FREE OPTION	D	P16	P16	70236-X95 SEE NOTE 11 LEAD FREE OPTION	D	P02	P02
	C	P01	P01		C	P03	P03		C	P01	P01		C	P02	P02
	B	P03	P03		B	P01	P01		B	P01	P01		B	P01	P01
	A	P01	P01		A	P03	P03		A	P01	P01		A	P01	P01
70236-X96 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03	70236-X96 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03	70236-X96 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03	70236-X96 SEE NOTE 11 LEAD FREE OPTION	D	P03	P03
	C	P02	P02		C	P02	P02		C	P02	P02		C	P02	P02
	B	P17	P17		B	P17	P17		B	P17	P17		B	P17	P17
	A	P03	P03		A	P03	P03		A	P03	P03		A	P03	P03

A

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spec ref *		dr Terran Huang		2010/07/09		projection		size A4		scale 1:10			
tolerance std		eng Narayanan, Aru		2018/07/26				mm		ecn no ELX-I-30251-1			
ISO 406 ISO 1101		chr -		-									
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr K-Paul Biju		2018/08/09		product family METRAL		rel level Released					
surface 3.200		linear		0.X ±0.3		Amphenol FCI		METRAL POWER HEADER		dwg no 70236		rev AK	
ISO 1302		angular		0° ±2°									
				0.XX ±0.13									
				0.XXX ±0.051		cat. no. -		Product - Customer Drw		sheet 5 of 6			

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D

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X97	D	P01	P01
SEE NOTE 11 LEAD FREE OPTION	C	P03	P03
	B	P03	P03
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X102	D	P02	P02
SEE NOTE 11 LEAD FREE OPTION	C	P02	P02
	B	P02	P03
	A	P02	P02



METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X98	D	P02	P02
SEE NOTE 11 LEAD FREE OPTION	C	P03	P03
	B	P03	P03
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X103	D	P05	P05
SEE NOTE 11 LEAD FREE OPTION	C	P05	P05
	B	P05	P06
	A	P05	P05



METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X99	D	P03	P03
SEE NOTE 11 LEAD FREE OPTION	C	P16	P16
	B	P16	P16
	A	P16	P16

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X100	D	P03	P03
SEE NOTE 11 LEAD FREE OPTION	C	P16	P16
	B	P16	P16
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. 1	
		1	2
70236-X101	D	P03	P03
SEE NOTE 11 LEAD FREE OPTION	C	-	-
	B	P02	P02
	A	P01	P01

NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL:
PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT TAIL:
70236 -XXX IS SnPb
70236-XXYLF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
- PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
- 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-XXXP OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 70236-X01LF
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

spec ref	*	dr	Terran Huang	2010/07/09	projection	mm	size	A4	scale	1:10		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Narayanan, Anu	2018/07/26			ecn no	ELX-I-30251-1				
ISO 406		chr	-	-				rel level	Released			
ISO 1101		appr	K-Paul Biju	2018/08/09	product family	METRAL						
surface 3.200	linear	0.X	±0.3	Amphenol FCi	title	METRAL POWER HEADER			dwg no	70236	rev	AK
ISO 1302		0.XX	±0.13			1 MOD, 4 ROW PRESS-FIT						
	angular	0°	±2°	cat. no.	-	Product - Customer Drw			sheet 6 of 6			