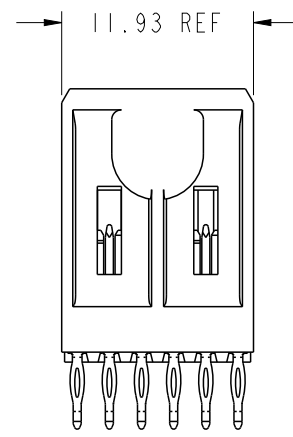
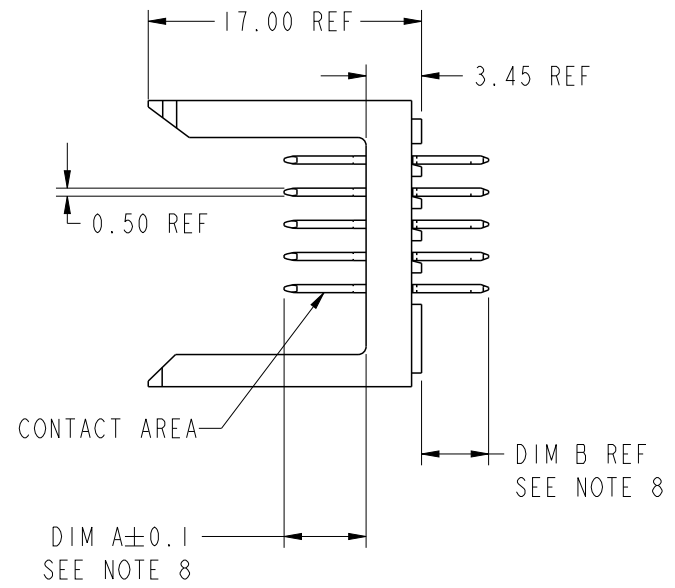
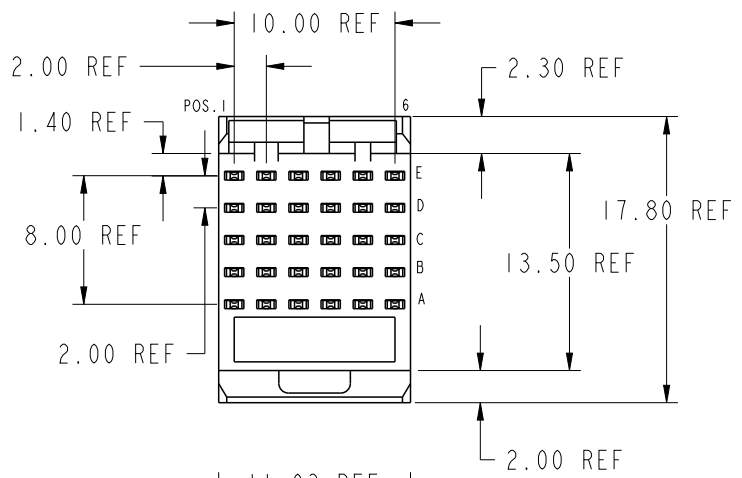


PRODUCT NUMBER  
89006-XYX  
89006-XYXLF



rev	ecn no	dr	date
AY	ELX-DG-13476-1	AL	2012-11-15
AZ	ELX-DG-14148-1	AL	2013-03-01
-	-	-	-
AU	DG10-0413	TER	2010-11-23
AV	DG-007842	TAO	2011-11-09
AW	ELX-DG-009301-1	AL	2012-01-04
AX	ELX-DG-011219-1	AL	2012-04-05

spec ref	*	dr	Andy Lu	2013-03-01	projection 	mm 	size	A4	scale	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2013-03-04			ecn no	*		
ISO 406 ISO 1101		chr	Sun Richard	2013-03-04			rel level	Released		
surface	3.2	appr	Peiming Zheng	2013-03-04	product family	METRAL	rev	89006	BA	
ISO 1302	linear	0.X	±0.3		METRAL SIGNAL HEADER		dwg no	89006	rev	
	angular	0°	±2°		1 MOD, 5 ROW PRESS-FIT					
					cat. no.	-				Product - Customer Drw

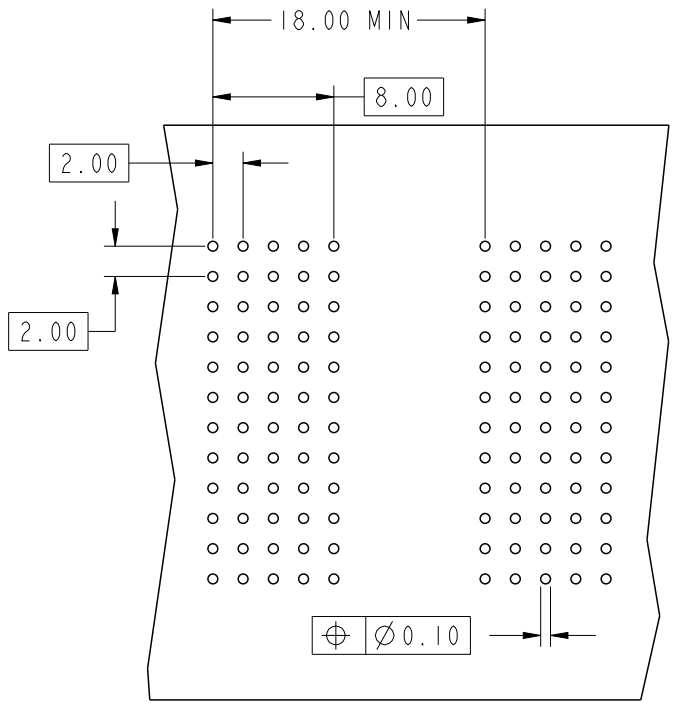
PrdE File - REV C - 2009-06-09



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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
16	7.00	4.30
17	7.00	13.60
18	7.00	17.00
19	8.00	4.30
20	8.00	13.60
21	8.00	17.00
59	5.00	11.80

spec ref	*	dr	Andy Lu	2013-03-01	projection 	mm 	size	A4	scale	2:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2013-03-04			product family	METRAL	rel level	Released	
ISO 406 ISO 1101		chr	Sun Richard	2013-03-04				ecn no	*		
surface	3.2	appr	Peiming Zheng	2013-03-04	title		METRAL SIGNAL HEADER		rev	BA	
ISO 1302	linear	www.fci.com		cat. no.	-	Product - Customer Drw		sheet 2 of 8			
	angular										

Print File - REV C - 2009-06-09



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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													
		1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6								
89006-X10 SEE NOTE 10 LEAD FREE OPTION	E	1	1	1	1	1	1	89006-X14 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	4	4	4	89006-X19 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	4	4	4	89006-X23 SEE NOTE 10 LEAD FREE OPTION	E	8	8	8	8	8	8	89006-X27 SEE NOTE 10 LEAD FREE OPTION	E	6	6	6	6	6	6	89006-X32 SEE NOTE 10 LEAD FREE OPTION	E	12	12	12	12	12	12
	D	1	1	1	1	1	1		D	3	3	3	3	3	3		D	4	4	4	4	4	4		D	20	20	20	20	20	20		D	6	6	6	6	6	6		D	11	11	11	11	11	11
	C	1	1	1	1	1	1		C	4	4	4	4	4	4		C	4	4	4	4	4	4		C	8	8	8	8	8	8		C	6	6	6	6	6	6		C	11	11	11	11	11	11
	B	1	1	1	1	1	1		B	4	4	4	4	4	4		B	4	4	4	4	4	4		B	8	8	8	8	8	8		B	6	6	6	6	6	6		B	9	9	9	9	9	9
	A	1	1	1	1	1	1		A	4	4	4	4	4	4		A	4	4	4	4	4	4		A	8	8	8	8	8	8		A	20	20	20	20	20	20		A	9	9	9	9	9	9

spec ref	*	dr	Andy Lu	2013-03-01	projection 	mm 	size	A4	scale	1:1		
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2013-03-04			product family	METRAL	rel level	Released	ecn no	*
		chr	Sun Richard	2013-03-04				rev	BA			
surface	3.2 <sub>00</sub> in	appr	Peiming Zheng	2013-03-04	METRAL SIGNAL HEADER		dwg no	89006	sheet 3 of 8			
					1 MOD, 5 ROW PRESS-FIT							
					www.fci.com		cat. no.	-	Product - Customer Drw			
									STATUS:Released			
									Printed: Mar 12, 2013			





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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													
		1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6			1	2	3	4	5	6								
89006-X61 SEE NOTE 10 LEAD FREE OPTION	E	10	10	10	10	10	10	89006-X65 SEE NOTE 10 LEAD FREE OPTION	E	9	9	9	9	9	9	89006-X69 SEE NOTE 10 LEAD FREE OPTION	E	12	12	12	12	12	12	89006-X73 SEE NOTE 10 LEAD FREE OPTION	E	4	4	4	4	4	4	89006-X77 SEE NOTE 10 LEAD FREE OPTION	E	3	3	3	3	3	3	89006-X81 SEE NOTE 10 LEAD FREE OPTION	E	7	7	7	7	7	7
	D	9	9	9	9	9	9		D	21	21	21	21	21	D		11	11	11	11	11	D	4		4	4	4	4	4	D	19		19	19	19	19	D	20	20		20	20	20				
	C	10	10	10	10	10	10		C	9	9	9	9	9	C		11	11	11	11	11	C	4		4	4	4	4	4	C	4		4	4	4	4	4	C	7		7	7	7	7	7		
	B	10	10	10	10	10	10		B	21	21	21	21	21	B		11	11	11	11	11	B	4		4	4	4	4	4	B	3		3	3	3	3	3	B	20		20	20	20	20	20		
	A	11	11	11	11	11	11		A	9	9	9	9	9	A		21	21	21	21	21	A	13		13	13	13	13	13	A	3		3	3	3	3	3	A	7		7	7	7	7	7		

spec ref	*	dr	Andy Lu	2013-03-01	projection		size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2013-03-04				ecn no	*	
ISO 406		chr	Sun Richard	2013-03-04				product family	METRAL	rel level
ISO 1101		appr	Peiming Zheng	2013-03-04						
surface	3.2	near	0.X	±0.3						
			0.XX	±0.13						
			0.XXX	±.050						
ISO 1302		angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 5 of 8	



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METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X85 SEE NOTE 10 LEAD FREE OPTION	E	7	7	7	7	7	7
	D	7	7	7	7	7	7
	C	6	6	6	6	6	6
	B	7	7	7	7	7	7
	A	7	7	7	7	7	7

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spec ref	*	dr	Andy Lu	2013-03-01	projection	mm	size	A4	scale	1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2013-03-04			ecn no	*	rel level	Released		
ISO 406		chr	Sun Richard	2013-03-04								
ISO 1101		appr	Peiming Zheng	2013-03-04	product family	METRAL						
surface	3.2		METRAL SIGNAL HEADER			dwg no	89006	rev	BA			
ISO 1302	near		0.X	±0.3	cat. no.					-	Product - Customer Drw	sheet 6 of 8
	angular		0°	±2°								

METRAL P/N	ROW	CONTACT CODE MOD. I				
		1	2	3	4	5
89006-X109 SEE NOTE 10 LEAD FREE OPTION	E	59	59	59	59	59
	D	59	59	59	59	59
	C	59	59	59	59	59
	B	59	59	59	59	59
	A	77	77	77	77	77



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spec ref	*	dr	Andy Lu	2013-03-01	projection 	mm 	size	A4	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2013-03-04			product family	METRAL	rel level	Released	
ISO 406 ISO 1101		chr	Sun Richard	2013-03-04				ecn no	*		
surface	3.2	appr	Peiming Zheng	2013-03-04	product family	METRAL	rel level	Released			
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 7 of 8			
	near	0.X	±0.3		METRAL SIGNAL HEADER		dwg no	89006	rev	BA	
		0.XX	±0.13		1 MOD, 5 ROW PRESS-FIT						
		0.XXX	±.050								

PRODUCT NUMBER

89006-XYX

89006-XYXLF

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL  
POLYMER 30 % GLASS.  
FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL:  
PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL:  
73931-XYX IS SnPb  
73931-XYXLF IS SN (LEAD FREE)  
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE  
LEVEL SHOWN IN TABLE BELOW.
5. PRODUCT MARKING:  
PART NUMBER DESIGNATION & BATCH I.D.
6. 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
7. PRODUCT SPECIFICATION GS-12-180  
APPLICATION SPECIFICATION BUS-20-073
8. AFTER INSERTION INTO CIRCUIT BOARD WITH  
QUALIFIED TOOL.
9. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE  
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN GS-22-008.  
  
ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING  
(DRAWING NO.)-NI--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE  
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR  
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-NI---  
AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT  
SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR  
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.
10. FOR LEAD FREE PART NUMBERS, ADD "LF" SUFFIX.  
EXAMPLE:89006-X01LF
11. -A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE)

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-AYY	TELCORDIA CO	SEE NOTE 11
-PYY	0.25 um GOLD MIN.	-
-NIYY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-IYY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS 1	-
-5YY	TELCORDIA UE	-
-NIYY	TELCORDIA CO (NXT) IEC CLASS 1	SEE NOTE 9
-N5YXLF	TELCORDIA UE (NXT)	SEE NOTE 9
-IYXLF	TELCORDIA CO IEC CLASS 1	SEE NOTE 9
-2YXLF	TELECOM CLASS	SEE NOTE 9
-5YXLF	TELCORDIA UE	SEE NOTE 9



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spec ref	*	dr	Andy Lu	2013-03-01	projection 	mm 	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Andy Lu	2013-03-04			ecn no	*		
ISO 406 ISO 1101		chr	Sun Richard	2013-03-04			rel level	Released		
surface	3.200 linear	appr	Peiming Zheng	2013-03-04	product family	METRAL	dwg no	89006	rev	BA
	0.X ±0.3									
	0.XX ±0.13									
	0.XXX ±0.050									
	angular 0° ±2°									
ISO 1302		www.fci.com	cat. no.	-	Product - Customer Drw	sheet 8 of 8				





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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