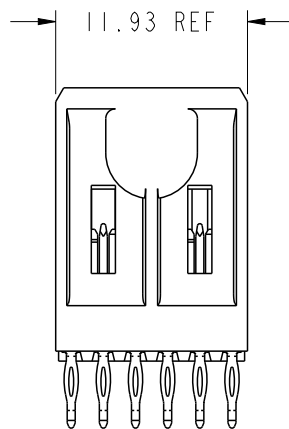
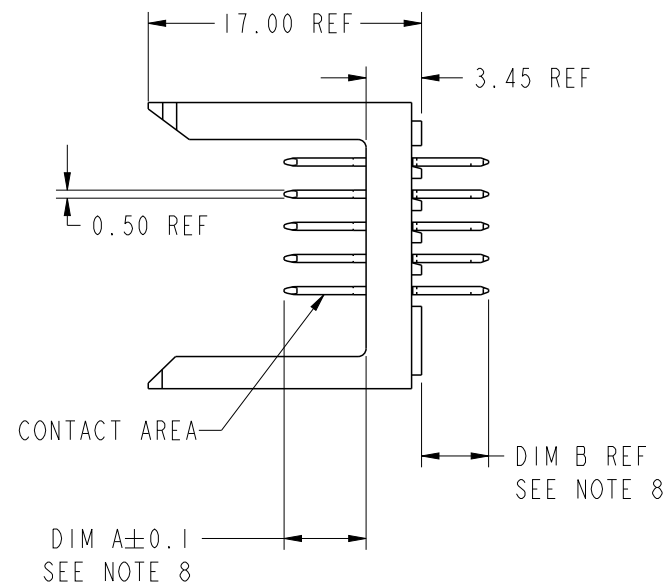
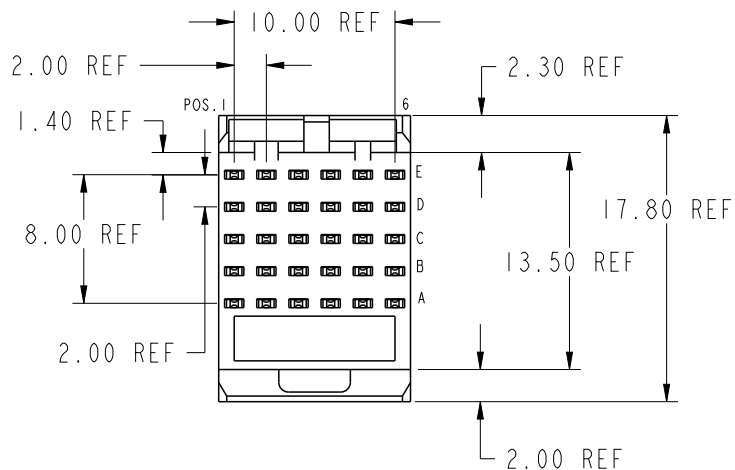


PRODUCT NUMBER

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	*					
				chr	Sun Richard	2013-03-04									
ISO 406				appr	Peiming Zheng	2013-03-04	product family		METRAL		rel level		Released		
ISO 1101															
surface	3.200 linear	0.X	±0.3		title	METRAL SIGNAL HEADER				dwg no	89006		rev	BA	
		0.XX	±0.13												
		0.XXX	±.050												
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.	-		Product - Customer Drw				sheet 1 of 8			

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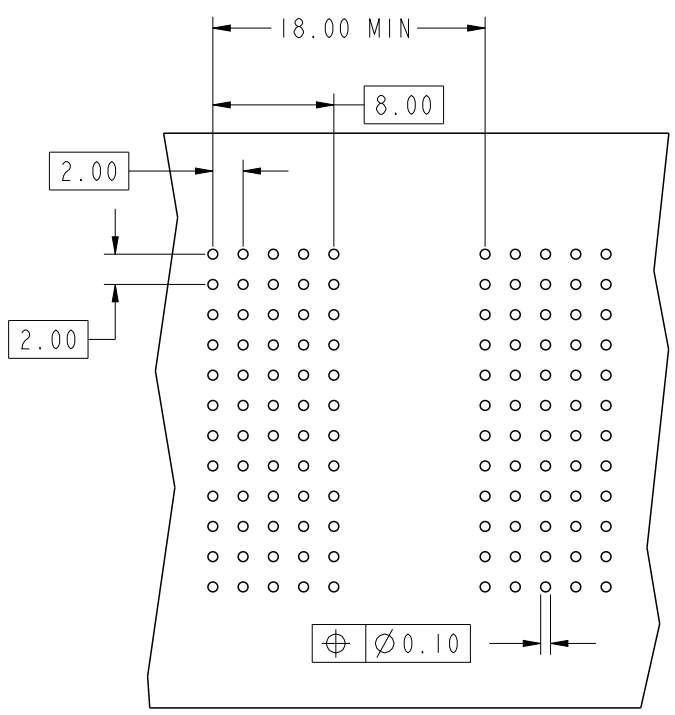
PDS: Rev :BA

STATUS:Released

Printed: Mar 12, 2013



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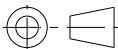
REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

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				eng	Andy Lu	2013-03-04			ecn no *				
ISO 406				chr	Sun Richard	2013-03-04							
ISO 1101				appr	Peiming Zheng	2013-03-04			product family		METRAL	rel level Released	
surface		3.200 linear	0.X	±0.3	title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT	dwg no			89006			rev	BA
			0.XX	±0.13									
			0.XXX	±.050									
ISO 1302		angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 2 of 8	



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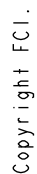
												2												3												4																							
METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I						METRAL P/N		ROW		CONTACT CODE MOD. I															
89006-X10 SEE NOTE 10 LEAD FREE OPTION		E	I	I	I	I	I	I	I	89006-X14 SEE NOTE 10 LEAD FREE OPTION		E	4	4	4	4	4	4	4	89006-X19 SEE NOTE 10 LEAD FREE OPTION		E	4	4	4	4	4	4	4	89006-X23 SEE NOTE 10 LEAD FREE OPTION		E	8	8	8	8	8	8	8	89006-X27 SEE NOTE 10 LEAD FREE OPTION		E	6	6	6	6	6	6	6	89006-X32 SEE NOTE 10 LEAD FREE OPTION		E	12	12	12	12	12	12	12
		D	I	I	I	I	I	I	D			3	3	3	3	3	3	D	4			4	4	4	4	4	D	20	20			20	20	20	D	6	6	6	6			6	6	D	11	11	11	11	11			11							
		C	I	I	I	I	I	I	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	I	I	I	I	I	I	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	I	I	I	I	I	I	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						
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															
89006-X11 SEE NOTE 10 LEAD FREE OPTION		E	3	3	3	3	3	3	3	89006-X15 SEE NOTE 10 LEAD FREE OPTION		E	I	I	I	I	I	I	89006-X20 SEE NOTE 10 LEAD FREE OPTION		E	5	5	5	5	5	5	89006-X24 SEE NOTE 10 LEAD FREE OPTION		E	8	8	8	8	8	8	89006-X29 SEE NOTE 10 LEAD FREE OPTION		E	8	8	8	8	8	8	89006-X33 SEE NOTE 10 LEAD FREE OPTION		E	12	12	12	12	12	12					
		D	3	3	3	3	3	3	D			I	I	I	I	I	D	5			5	5	5	5	D	7	7			7	7	7	D	8	8	8			8	8	8	D	21	21	21			21	21	21									
		C	3	3	3	3	3	3	C			I	I	I	I	I	C	5			5	5	5	5	C	8	8			8	8	8	8	C	8	8			8	8	8	8	C	12	12			12	12	12	12								
		B	3	3	3	3	3	3	B			I	I	I	I	I	B	5			5	5	5	5	B	8	8			8	8	8	8	B	8	8			8	8	8	8	B	12	12			12	12	12	12								
		A	3	3	3	3	3	3	A			3	3	3	3	3	A	5			5	5	5	5	A	8	8			8	8	8	8	A	8	8			8	8	8	8	A	12	12			12	12	12	12								
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															
89006-X12 SEE NOTE 10 LEAD FREE OPTION		E	4	4	4	4	4	4	4	89006-X16 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	2	2	89006-X21 SEE NOTE 10 LEAD FREE OPTION		E	7	7	7	7	7	7	7	89006-X25 SEE NOTE 10 LEAD FREE OPTION		E	5	5	5	5	5	5	89006-X30 SEE NOTE 10 LEAD FREE OPTION		E	9	9	9	9	9	9	89006-X34 SEE NOTE 10 LEAD FREE OPTION		E	12	12	12	12	12	12			
		D	3	3	3	3	3	3	D			2	2	2	2	2	D	7	7			7	7	7	D	5	5	5	5			5	D	9	9	9	9	9			D	11	11	11	11	11	11												
		C	3	3	3	3	3	3	C			2	2	2	2	2	C	7	7			7	7	7	C	5	5	5	5			5	C	9	9	9	9	9			C	12	12	12	12	12	12												
		B	I	I	I	I	I	I	B			2	2	2	2	2	B	7	7			7	7	7	B	5	5	5	5			5	B	9	9	9	9	9			B	12	12	12	12	12	12												
		A	I	I	I	I	I	I	A			2	2	2	2	2	A	7	7			7	7	7	A	7	7	7	7			7	A	9	9	9	9	9			A	12	12	12	12	12	12												
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															
89006-X13 SEE NOTE 10 LEAD FREE OPTION		E	4	4	4	4	4	4	4	89006-X17 SEE NOTE 10 LEAD FREE OPTION		E	2	2	2	2	2	2	2	89006-X22 SEE NOTE 10 LEAD FREE OPTION		E	8	8	8	8	8	8	8	89006-X26 SEE NOTE 10 LEAD FREE OPTION		E	6	6	6	6	6	6	89006-X31 SEE NOTE 10 LEAD FREE OPTION		E	11	11	11	11	11	11	89006-X35 SEE NOTE 10 LEAD FREE OPTION		E	9	9	9	9	9	9			
		D	19	19	19	19	19	19	D			2	2	2	2	2	D	7	7			7	7	7	D	6	6	6	6			6	D	11	11	11	11	11			11	D	9	9	9	9	9			9									
		C	4	4	4	4	4	4	C			2	2	2	2	2	C	7	7			7	7	7	C	6	6	6	6			6	C	11	11	11	11	11			11	C	9	9	9	9	9			9									
		B	4	4	4	4	4	4	B			2	2	2	2	2	B	5	5			5	5	5	B	6	6	6	6			6	B	11	11	11	11	11			11	B	9	9	9	9	9			9									
		A	4	4	4	4	4	4	A			19	19	19	19	19	A	5	5			5	5	5	A	6	6	6	6			6	A	11	11	11	11	11			11	A	11	11	11	11	11			11									
spec ref		*		dr						Andy Lu						2013-03-01						projection						mm						size						A4						scale						1:1							
tolerance std		ISO 406						TOLERANCES UNLESS OTHERWISE SPECIFIED						eng						Andy Lu						2013-03-04																		ecn no						*									
ISO 1101								chr						Sun Richard						2013-03-04						product family																		METRAL						rel level						Released			
surface		3.2		linear		0.X		±0.3		FCI		METRAL SIGNAL HEADER						1 MOD, 5 ROW PRESS-FIT						dwg no						89006						rev						BA																	
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.																																						-						Product - Customer Drw					

C

D

1

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CD



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A

B

C

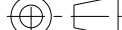
D

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X109 SEE NOTE 10 LEAD FREE OPTION	E	59	59	59	59	59	59
	D	59	59	59	59	59	59
	C	59	59	59	59	59	59
	B	59	59	59	59	59	59
	A	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X110 SEE NOTE 10 LEAD FREE OPTION	E	3	2	2	2	2	2
	D	3	2	2	2	2	2
	C	3	2	2	2	2	2
	B	3	2	2	2	2	2
	A	3	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X111 SEE NOTE 10 LEAD FREE OPTION	E	2	2	2	2	2	3
	D	2	2	2	2	2	3
	C	2	2	2	2	2	3
	B	2	2	2	2	2	3
	A	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
89006-X112 SEE NOTE 10 LEAD FREE OPTION	E	7	6	6	6	6	6
	D	7	6	6	6	6	6
	C	7	6	6	6	6	6
	B	7	6	6	6	6	6
	A	7	6	6	6	6	6

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							
				chr	Sun Richard	2013-03-04							
				appr	Peiming Zheng	2013-03-04			product family		METRAL	ecn no *	
									rel level		Released		
surface 3.200 ISO 1302		linear	0.X	±0.3		title METRAL SIGNAL HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no	89006		rev BA
			0.XX	±0.13									
			0.XXX	±.050									
angular	0°	±2°	www.fci.com	cat. no.		-		Product - Customer Drw				sheet 7 of 8	

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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.)-N1--- 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.)-N1---
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 I	-
-5YY	TELCORDIA UE	-
-NIYY	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-IYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9

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 *						
				chr	Sun Richard	2013-03-04			rel level Released						
				ISO 406		appr			Peiming Zheng	2013-03-04	product family		METRAL		
ISO 1101															
surface	3.200 linear	0.X	±0.3		title				METRAL SIGNAL HEADER		dwg no	89006		rev	BA
		0.XX	±0.13												
		0.XXX	±.050												
	ISO 1302	angular	0°	±2°	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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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.