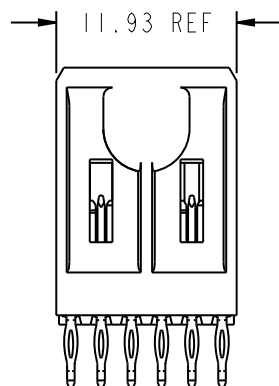
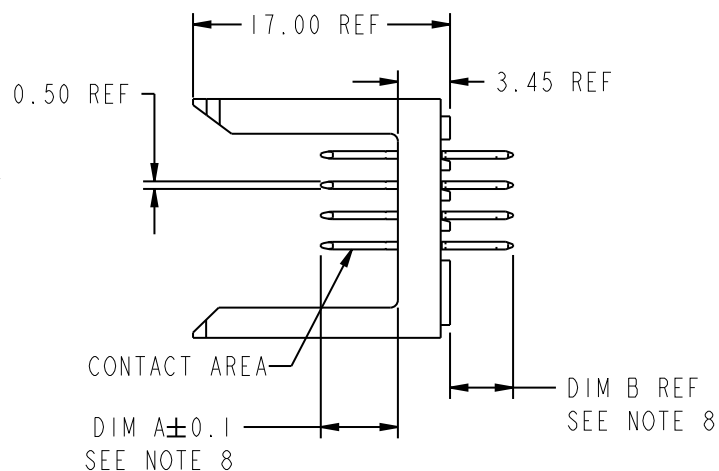
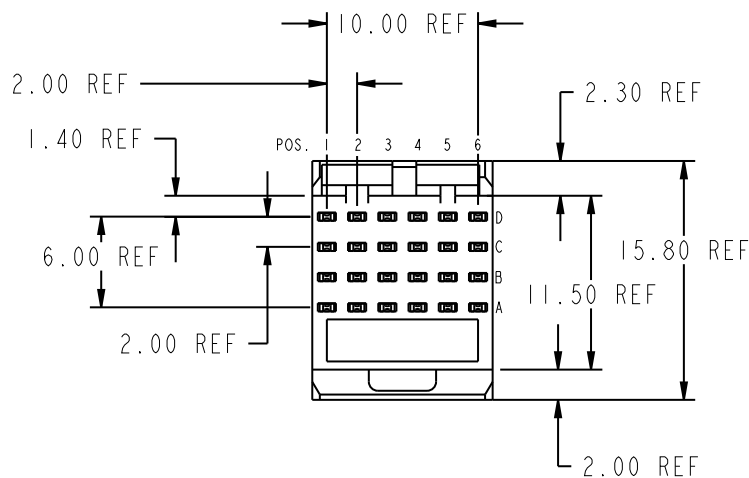


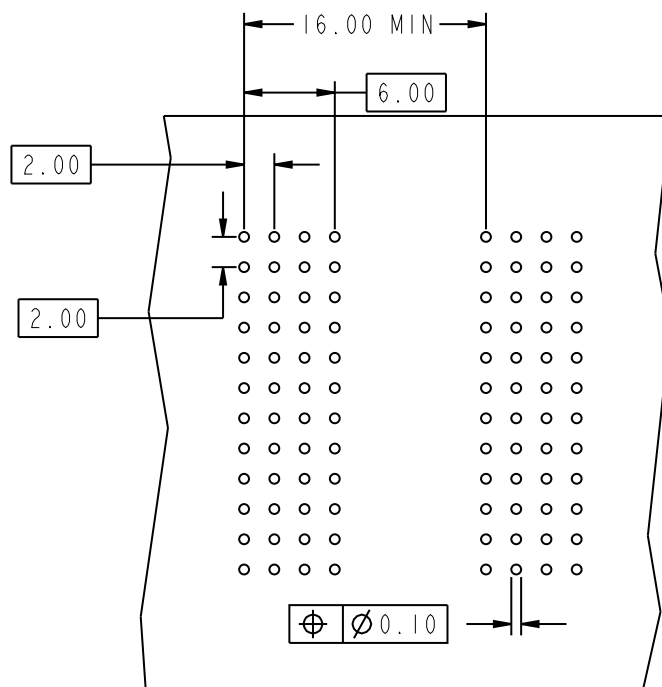


PRODUCT NUMBER
SEE TABLE



mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.3	projection		COPY		www.fciconnect.com	
AH	V06-0569	DCH	2006-06-13	linear	0.XX ± 0.13						
AJ	DG09-0256	TER	2009-08-19	linear	.XXX ± 0.051						
-	-	-	-	angles	0° $\pm 2^\circ$						
AD	V03-0025	JWS	02/06/03	dr	T.BRUNGARD	11/19/99		MM		product family METRAL	
AE	V03-1321	DAI	01/15/04	enr	M.STRAWER	11/19/99				code 213	
AF	V04-0794	TAB	08/13/04	chr	M.STRAWER	11/19/99				size	
AG	V05-0368	DPU	06/01/05	appd	M.STRAWER	02/29/00		scale 2:1		dwg no 88921	
sheet index	revision	AJ	AJ	AJ	AJ	AJ	AJ			1 of 6	
	sheet	1	2	3	4	5	6				

cage code 22526



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
22	5.00	12.10
25	5.75	15.60

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
40	5.00	15.60
41	6.50	15.60
42	7.25	15.60
43	8.00	15.60
44	5.75	12.10
45	6.50	12.10
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80
62	7.25	11.80
63	8.00	11.80

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com		
lfr	ecn no.	dr	date	linear	0.X ± 0.3	projection	COPY	title	METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT	
AJ					0.XX ± 0.13					
					.XXX ± 0.051					
				angles	0° $\pm 2^\circ$	MM	scale	product family	METRAL	
				dr	T.BRUNGARD					11/19/99
				enrg	M.STRAWSE					11/19/99
				chr	M.STRAWSE	11/19/99	size	dwg no	code	
				appd	M.STRAWSE	02/29/00				
sheet index	revision sheet							A	88921	
									213	
									sheet 2	

cage code 22526

Pro/E

PDM: Rev:AJ

STATUS: Released

Printed: Sep 16, 2009



- 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 AREA :SEE PRODUCT NUMBER TABLE.
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE ON SHEET3.
 - 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, 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 BOARD WITH QUALIFIED TOOLING.
 - THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE
EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-12-008.
 - ALL THE PRODUCTS EXCEPT THOSE WITH PART NUMBERS
CONTAINING 88921-N1---OR 88921-N5---WILL WITHSTAND
EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE
REFLOW OVEN. PART NUMBERS 88921-N1---AND 88921-N5---
WILL NOT WITHSTAND REFLOW AND THE A_U CONTACT SURFACE OF
THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES
C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER
APPLICATION.

mat'l code		SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCJ www.fcjconnect.com					
lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection	title METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT				
AJ					0.XX ±0.13								
					.XXX ±.051								
				angles	0° ±2°								
				dr	T.BRUNGARD	11/19/99			product family	METRAL	code		
				enrg	x. xxxxxx	mm/dd/yy			size	dwg no	88921	sheet	213
				chr	M.STRAWSER	11/19/99							
				appd	M.STRAWSER	02/29/00							
sheet	revision												
index	sheet												

cage code 22526

Pro/E

PDM: Rev:AJ

STATUS:Released

Printed: Sep 16, 2009



METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X01 AND 88921-X01LF		D	-	2	-	2	-	2
		C	-	2	-	2	-	2
		B	-	2	-	2	-	2
		A	-	2	-	2	-	2

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X06 AND 88921-X06LF		D	14	6	6	6	6	6
		C	14	6	6	6	6	6
		B	14	6	6	6	6	6
		A	14	6	6	6	6	6

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X11 AND 88921-X11LF		D	13	16	16	16	16	13
		C	13	16	16	16	16	13
		B	13	16	16	16	16	13
		A	13	16	16	16	16	13

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X16 AND 88921-X16LF		D	13	13	13	13	-	13
		C	13	13	13	13	-	13
		B	13	13	13	13	13	-
		A	13	13	13	13	13	-

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X21 AND 88921-X21LF		D	4	4	4	19	19	19
		C	4	4	4	19	19	19
		B	4	4	4	19	19	19
		A	4	4	4	19	19	19

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X02 AND 88921-X02LF		D	-	6	-	6	-	6
		C	-	6	-	6	-	6
		B	-	6	-	6	-	6
		A	-	6	-	6	-	6

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X07 AND 88921-X07LF		D	15	10	10	10	10	10
		C	15	10	10	10	10	10
		B	15	10	10	10	10	10
		A	15	10	10	10	10	10

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X12 AND 88921-X12LF		D	14	17	17	17	17	14
		C	14	17	17	17	17	14
		B	14	17	17	17	17	14
		A	14	17	17	17	17	14

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X17 AND 88921-X17LF		D	25	25	25	25	25	25
		C	25	25	25	25	25	25
		B	25	25	25	25	25	25
		A	25	25	25	25	25	25

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X22 AND 88921-X22LF		D	8	8	8	20	20	20
		C	8	8	8	20	20	20
		B	8	8	8	20	20	20
		A	8	8	8	20	20	20

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X03 AND 88921-X03LF		D	3	3	3	3	3	3
		C	4	4	4	4	4	4
		B	4	4	4	4	4	4
		A	4	4	4	4	4	4

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X08 AND 88921-X08LF		D	16	2	2	2	2	2
		C	16	2	2	2	2	2
		B	16	2	2	2	2	2
		A	16	2	2	2	2	2

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X13 AND 88921-X13LF		D	15	18	18	18	18	15
		C	15	18	18	18	18	15
		B	15	18	18	18	18	15
		A	15	18	18	18	18	15

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X18 AND 88921-X18LF		D	3	1	1	1	1	1
		C	3	1	1	1	1	1
		B	3	1	1	1	1	1
		A	3	1	1	1	1	1

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X23 AND 88921-X23LF		D	4	1	1	1	1	1
		C	4	1	1	1	1	1
		B	4	1	1	1	1	1
		A	4	1	1	1	1	1

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X04 AND 88921-X04LF		D	7	7	7	7	7	7
		C	8	8	8	8	8	8
		B	8	8	8	8	8	8
		A	8	8	8	8	8	8

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X09 AND 88921-X09LF		D	17	6	6	6	6	6
		C	17	6	6	6	6	6
		B	17	6	6	6	6	6
		A	17	6	6	6	6	6

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X14 AND 88921-X14LF		D	2	2	2	3	2	2
		C	2	2	2	3	2	2
		B	2	1	2	3	2	2
		A	2	2	2	3	2	2

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X19 AND 88921-X19LF		D	2	2	2	2	2	2
		C	4	2	4	2	4	2
		B	2	4	2	4	2	4
		A	2	2	2	2	2	2

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X24 AND 88921-X24LF		D	22	22	22	22	22	22
		C	44	44	44	44	44	44
		B	44	44	44	44	44	44
		A	45	45	45	45	45	45

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X05 AND 88921-X05LF		D	13	2	2	2	2	2
		C	13	2	2	2	2	2
		B	13	2	2	2	2	2
		A	13	2	2	2	2	2

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X10 AND 88921-X10LF		D	18	10	10	10	10	10
		C	18	10	10	10	10	10
		B	18	10	10	10	10	10
		A	18	10	10	10	10	10

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X15 AND 88921-X15LF		D	4	4	4	4	4	2
		C	3	3	3	3	3	3
		B	3	3	3	3	3	3
		A	3	3	3	3	3	3

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X20 AND 88921-X20LF		D	19	3	3	3	3	19
		C	19	3	3	3	3	19
		B	19	3	3	3	3	19
		A	19	3	3	3	3	19

METRAL P/N		ROW	CONTACT CODE MOD. I					
			1	2	3	4	5	6
88921-X25 AND 88921-X25LF		D	3	3	3	3	3	-
		C	3	3	3	3	3	-
		B	3	3	3	3	3	-
		A	-	-	3	3	3	-

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecn no.	dr	date	linear	angles	COPY	projection	title	www.fciconnect.com
A J						0. X ±0.3		METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT	
						0. XX ±0.13			
						. XXX ±.051			
						0° ±2°		product family size	code 213
				dr	T.BRUNGARD	11/19/99			
				engr	M.STRAWSER	11/19/99			
				chr	M.STRAWSER	11/19/99			
				appd	M.STRAWSER	02/29/00	scale	1:1	sheet 4
sheet index	revision sheet								

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		FCJ		www.fcjconnect.com		
lfr	ecn no.	dr	date	linear	0.X ±0.3	projection	COPY	title	METRAL SIGNAL HEADER 1 MOD, 4 ROW PRESS-FIT			
AJ					0.XX ±0.13							
					.XXX ±.051							
				angles	0° ±°	MM	scale	product family	METRAL		code	
				dr	T.BRUNGARD				11/19/99	size	dwg no	213
				enrg	M.STRAWER				11/19/99			
				chr	M.STRAWER	11/19/99						
				appd	M.STRAWER	02/29/00					sheet	
sheet	revision										4	
index	sheet											





METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X51 AND 88921-X51LF	D	-	42	-	42	-	42
	C	42	-	42	-	42	-
	B	-	42	-	42	-	42
	A	42	-	42	-	42	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X56 AND 88921-X56LF	D	-	12	-	12	-	12
	C	12	-	12	-	12	-
	B	-	12	-	12	-	12
	A	12	-	12	-	12	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X61 AND 88921-X61LF	D	7	6	6	5	6	6
	C	7	6	5	5	7	6
	B	7	6	6	6	6	6
	A	7	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X52 AND 88921-X52LF	D	-	43	-	43	-	43
	C	43	-	43	-	43	-
	B	-	43	-	43	-	43
	A	43	-	43	-	43	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X57 AND 88921-X57LF	D	-	21	-	21	-	21
	C	21	-	21	-	21	-
	B	-	21	-	21	-	21
	A	21	-	21	-	21	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X62 AND 88921-X62LF	D	19	-	4	-	3	19
	C	19	-	4	-	-	19
	B	-	19	-	4	-	19
	A	-	19	-	4	-	19

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X53 AND 88921-X53LF	D	-	9	-	9	-	9
	C	9	-	9	-	9	-
	B	-	9	-	9	-	9
	A	9	-	9	-	9	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X58 AND 88921-X58LF	D	20	6	7	7	7	7
	C	20	7	7	7	7	7
	B	20	7	7	7	7	7
	A	20	7	5	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X54 AND 88921-X54LF	D	-	10	-	10	-	10
	C	10	-	10	-	10	-
	B	-	10	-	10	-	10
	A	10	-	10	-	10	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X59 AND 88921-X59LF	D	1	1	2	1	1	1
	C	1	1	2	1	1	1
	B	1	1	2	1	1	1
	A	1	1	2	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X55 AND 88921-X55LF	D	-	11	-	11	-	11
	C	11	-	11	-	11	-
	B	-	11	-	11	-	11
	A	11	-	11	-	11	-

METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2	3	4	5	6
88921-X60 AND 88921-X60LF	D	2	2	2	3	2	3
	C	2	2	2	3	2	3
	B	2	2	2	3	2	3
	A	2	2	2	3	2	3

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com		
lfr	ecn no.	dr	date	linear	0.X ± 0.3	COPY				
AJ					0.XX ± 0.13	projection				
					.XXX $\pm .051$					
				angles	0° $\pm 2^\circ$					
				dr	T.BRUNGARD	11/19/99			product family METRAL code 213 size dwg no 88921 sheet 6	
				engr	M.STRAWSE	11/19/99				
				chr	M.STRAWSE	11/19/99				
				appd	M.STRAWSE	02/29/00	scale 1:1			
sheet index	revision sheet									



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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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