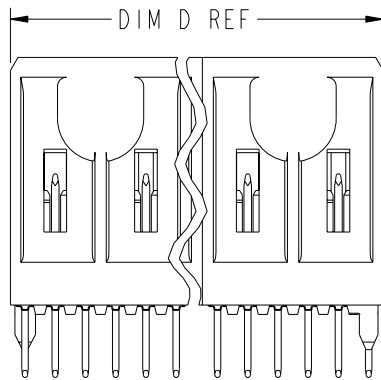
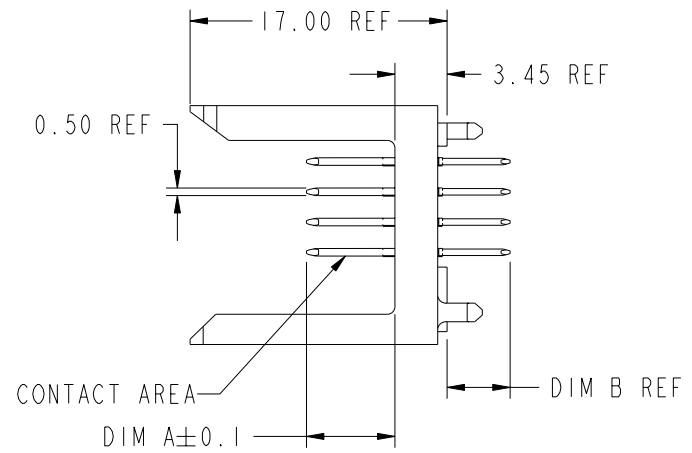
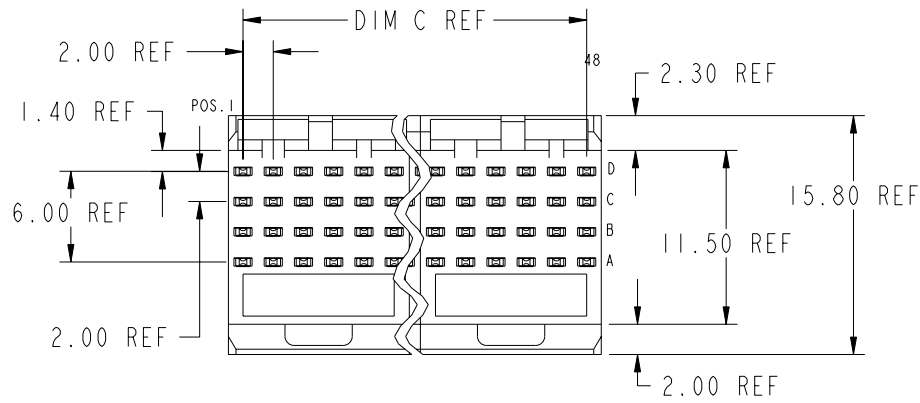

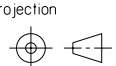
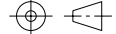

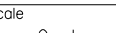


PRODUCT NUMBER
88962-XYX
88962-XYLFF

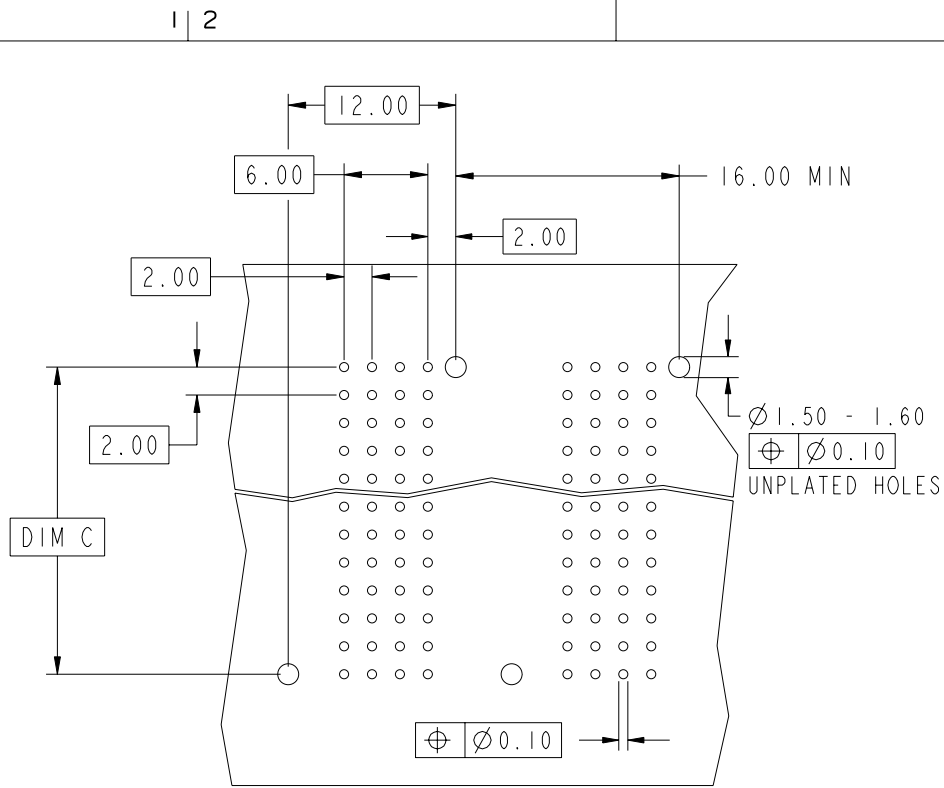


mat'l code				--			tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ± 0.3		COPY		 title METRAL SIGNAL HEADER 4 ROW STB			
AD	V06-0492	DCH	2006-05-23		0.XX ± 0.13		projection					
-	-	-	-		.XXX ± .051							
X	V20266	TAB	02/04/02	angles	0° ± 2°				product family		code	
Y	V20786	CGD	04/25/02	dr	T.BRUNGARD	11/19/99			METRAL		213	
AA	V21670	TAB	10/18/02	enr	M.STRAWSER	11/19/99	scale		size		sheet	
AB	V03-1059	DAI	09/24/03	chr	M.STRAWSER	11/19/99	2:1		88962		1 of 5	
AC	V05-1126	DAI	01/05/06	appd	M.STRAWSER	02/29/00			A			
sheet index	revision sheet	AD 1	AD 2	AD 3	AD 4	AD 5						

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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	4.25
2	5.75	4.25
3	6.50	4.25
5	5.00	3.30
6	5.75	3.30
7	6.50	3.30
8	7.25	3.30
13	8.00	4.25

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		 title METRAL SIGNAL HEADER 4 ROW STB	
AD					0.XX ±0.13	projection			
					.XXX ±.051	 title METRAL SIGNAL HEADER 4 ROW STB			
				angles	0° ±2°	 title METRAL SIGNAL HEADER 4 ROW STB			
		dr	T.BRUNGARD	11/19/99	MM		product family	METRAL	code
		enr	M.STRAWSER	11/19/99	 scale 2:1		size	dwg no	213
		chr	M.STRAWSER	11/19/99			A	88962	sheet
		appd	M.STRAWSER	02/29/00					2
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:AD

STATUS: Released

Printed: May 16, 2009



1 2

3

4

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4							
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
88962-X05 SEE NOTE 9 LEAD FREE OPTION	46.00	47.93	D	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	
			C	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5
			B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5
			A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5


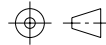

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4						MOD. 5						MOD. 6						MOD. 7						MOD. 8					
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
88962-X06 SEE NOTE 9 LEAD FREE OPTION	94.00	95.93	D	6	6	6	6	6	6	6	6	6	6	6	5	5	5	8	8	8	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
			C	6	6	6	6	6	6	6	6	6	6	6	5	5	5	8	8	8	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
			B	6	6	6	6	6	6	6	6	6	6	6	5	5	5	8	8	8	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			A	6	6	6	6	6	6	6	6	6	6	6	5	5	5	8	8	8	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						
			ROW	1	2	3	4	5	6
88962-X07 SEE NOTE 9 LEAD FREE OPTION	10.00	11.93	D	-	I	-	I	-	I
			C	I	-	I	-	I	-
			B	-	I	-	I	-	I
			A	I	-	I	-	I	-

A

A

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						
			ROW	1	2	3	4	5	6
88962-X08 SEE NOTE 9 LEAD FREE OPTION	10.00	11.93	D	I	-	I	-	I	-
			C	-	I	-	I	-	I
			B	I	-	I	-	I	-
			A	-	I	-	I	-	I

mat'l code		--	tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY	title		
AD				angles	0.XX ±0.13	projection	METRAL SIGNAL HEADER		
				dr	.XXX ±.051		4 ROW STB		
				engr	0° ±2°		product family		
				chr	T.BRUNGARD 11/19/99	scale	METRAL	code	
				appd	M.STRAWSER 11/19/99	1:1	size	dwg no	213
sheet	revision				M.STRAWSER 02/29/00		A	88962	sheet
index	sheet								4

B

B

1 2

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cage code 22526



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METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						
			ROW	1	2	3	4	5	6
88962-X09 SEE NOTE 9 LEAD FREE OPTION	10.00	11.93	D	3	3	-	3	3	-
			C	-	-	-	-	-	-
			B	-	-	-	-	-	-
			A	3	3	-	3	3	-

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2								
			ROW	1	2	3	4	5	6	7	8	9	10	11	12		
88962-X10 SEE NOTE 9 LEAD FREE OPTION	22.00	23.93	D	3	3	1	1	1	1	1	1	1	1	-	1	1	
			C	3	3	1	1	1	1	1	1	1	1	-	1	1	
			B	3	3	1	1	1	1	1	1	1	1	1	-	1	1
			A	3	3	1	1	1	1	1	1	1	1	1	-	1	1

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2						MOD. 3								
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
88962-X11 SEE NOTE 9 LEAD FREE OPTION	34.00	35.93	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
			C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
			B	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
			A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	DIM C	DIM D	CONTACT CODE MOD. 1						MOD. 2							
			ROW	1	2	3	4	5	6	7	8	9	10	11	12	
88962-X12 SEE NOTE 9 LEAD FREE OPTION	22.00	23.93	D	13	1	13	13	1	1	1	1	1	1	13	13	3
			C	13	1	13	13	1	1	1	1	1	1	13	13	3
			B	13	1	13	13	1	1	1	1	1	1	13	13	3
			A	13	1	13	13	1	1	1	1	1	1	13	13	3

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-NIYY	TELCORDIA CO (NXT)	
-N5YY	TELCORDIA UE (NXT)	
-IYY	TELCORDIA CO	
-2YY	TELECOM CLASS	
-3YY	IEC CLASS 1	
-5YY	TELCORDIA UE	
-9YY	TELCORDIA CO	
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS 1	SEE NOTE 8
-N5YYLF	TELCORDIA UE (NXT) IEC CLASS 1	SEE NOTE 8
-IYYLF	TELCORDIA CO IEC CLASS 1	SEE NOTE 8
-2YYLF	TELECOM CLASS	SEE NOTE 8
-5YYLF	TELCORDIA UE	SEE NOTE 8

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:  
88962-XYX IS SnPb.  
88962-XYXL IS Sn (LEAD FREE)  
PERFORMANCE LEVEL SHOWN IN TABLE BELOW.
- 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 AND XXXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180  
APPLICATION SPECIFICATION BUS-20-073
- THE PRODUCTS WHERE THE PART NUMBERS END 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--- OR (DRAWING NO.) -N5--- WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM OF 140° C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.  
FOR LEAD FREE PART NUMBERS, ADD "LF" SUFFIX.  
EXAMPLE: 88962-X01LF OR 88962-X01PLF



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mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com	
AD				angles	0.XX ±0.13	projection	title METRAL SIGNAL HEADER 4 ROW STB		
				dr	.XXX ±0.051	MM		product family METRAL code	
				engr	0° ±2°	← MM →		size	dwg no
				chr		scale	A		213
				appd		1:1	88962		sheet 5
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

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

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