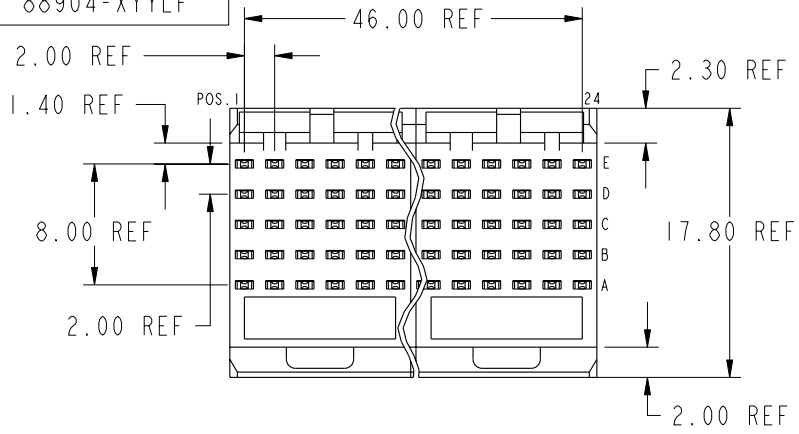
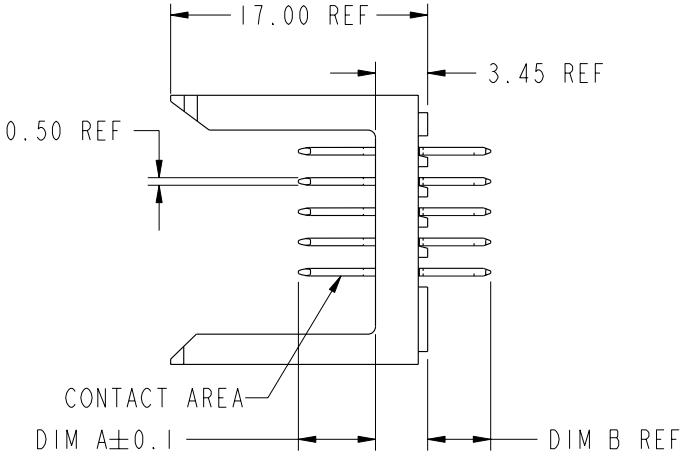
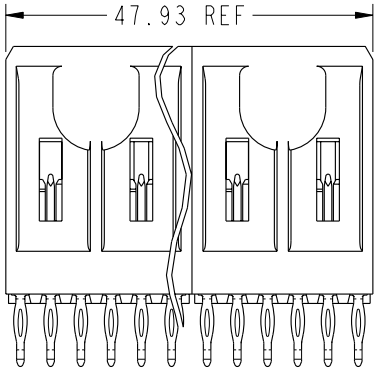
PRODUCT NUMBER
88904-XYY
88904-XYYLF







mat'l code					tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date					COPY	
K	V06-0569	DCH	2006-06-13	linear	0.X ±0.3			projection	title: METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT
L	V06-0984	DCH	2006-09-29		0.XX ±0.13				
-	-	-	-		.XXX ±.051				
-	-	-	-	angles	0° ±2°				
F	V05-0966	DAI	10/18/05	dr	T.BRUNGARD	11/19/99		MM	product family: METRAL; code: 213
G	V05-1064	LP	11/22/05	engr	M.STRAWSER	11/19/99			
H	V05-1099	LP	12/07/05	chr	M.STRAWSER	11/19/99		scale: 2:1	size: A; dwg no: 88904; sheet: 1 of 5
J	V05-1125	LP	12/19/05	appd	M.STRAWSER	02/29/00			
sheet	revision	L	L	L	L	L			
index	sheet	1	2	3	4	5			cage code: 22526

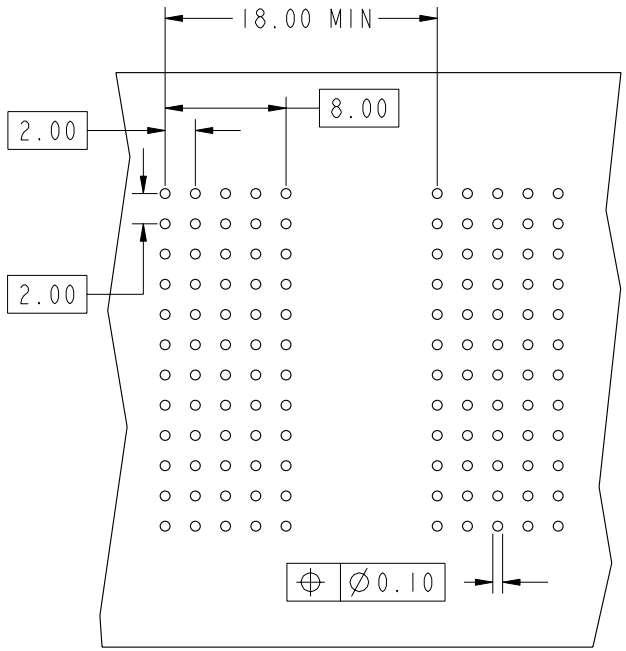
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REV E - 2006-04-18

Pro/E

PDM: Rev:L STATUS:Released Printed: Nov 13, 2007

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
19	8.00	4.30



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

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ltr	ecn no. / dr / date	linear	0.X ±0.3	COPY	
L			0.XX ±0.13	projection	title: METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT
			.XXX ±.051		
		angles	0° ±2°		
		dr	T.BRUNGARD 11/19/99	MM	product family: METRAL / code: 213
		engr	M.STRAWSER 11/19/99		
		chr	M.STRAWSER 11/19/99	scale 1:1	size: A / dwg no: 88904 / sheet: 2
		appd	M.STRAWSER 02/29/00		
sheet index	revision sheet				cage code: 22526

REV E - 2006-04-18

Pro/E

PDM: Rev:L STATUS:Released Printed: Nov 13, 2007

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2										MOD. 3										MOD. 4					
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88904-X01 SEE NOTE 9 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	1	2	2	2	2	2	2	2	2	2	1	2	2	2	2	3	1	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2										MOD. 3										MOD. 4					
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88904-X02 SEE NOTE 9 LEAD FREE OPTION	E	3	3	3	3	3	3	3	3	2	2	2	4	3	3	3	3	3	3	19	19	4	4	3	3
	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	19	19	4	4	3	3
	C	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	19	19	4	4	3	3
	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	19	19	4	4	3	3
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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2										MOD. 3										MOD. 4					
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88904-X03 SEE NOTE 9 LEAD FREE OPTION	E	4	2	3	3	3	2	3	2	3	2	4	4	4	4	4	2	2	2	2	2	2	2	2	2
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	C	4	2	3	3	3	2	3	2	3	2	4	4	4	4	4	2	2	2	2	2	2	2	2	2
	B	4	2	3	3	3	2	3	2	3	2	4	4	4	4	4	2	2	2	2	2	2	2	2	2
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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2										MOD. 3										MOD. 4					
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88904-X04 SEE NOTE 9 LEAD FREE OPTION	E	1	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	D	19	19	19	19	19	19	19	19	19	19	19	1	19	19	19	19	19	19	19	19	19	19	19	19
	C	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	B	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
	A	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2										MOD. 3										MOD. 4					
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88904-X05 SEE NOTE 9 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2										MOD. 3										MOD. 4					
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88904-X06 SEE NOTE 9 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2										MOD. 3										MOD. 4					
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88904-X07 SEE NOTE 9 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2										MOD. 3										MOD. 4					
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88904-X08 SEE NOTE 9 LEAD FREE OPTION	E	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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ltr	ecn no.	dr	date	linear	0.X ±0.3		projection	title: METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT
L					0.XX ±0.13			
					.XXX ±.051			
				angles	0° ±2°			
				dr	T.BRUNGARD	11/19/99	MM	product family: METRAL; code: 213
				engr	M.STRAWSER	11/19/99		size: A; dwg no: 88904
				chr	M.STRAWSER	11/19/99	scale: 1:1	sheet: 3
				appd	M.STRAWSER	02/29/00		
sheet index	revision sheet							cage code: 22526

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
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88904-X09 SEE NOTE 9 LEAD FREE OPTION	E	2	2	2	2	2	2	2	2	2	2	2	3	1	2	1	2	2	2	2	2	2	2	2	3
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	C	2	2	2	2	2	2	2	2	2	2	2	3	1	2	2	3	1	2	2	2	2	2	2	3
	B	2	2	2	2	2	2	2	2	2	2	2	3	1	2	2	2	2	2	2	2	2	2	2	3
	A	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2	2	2	2	3

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
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88904-X10 SEE NOTE 9 LEAD FREE OPTION	E	3	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
	B	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2						MOD. 3						MOD. 4					
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88904-X11 SEE NOTE 9 LEAD FREE OPTION	E	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	D	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	C	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	B	6	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6

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REV E - 2006-04-18

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ltr	ecn no. / dr / date	linear	0.X ±0.3	COPY	www.fciconnect.com
L			0.XX ±0.13	projection	title: METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT
			.XXX ±.051		
		angles	0° ±2°		
		dr	T.BRUNGARD 11/19/99	MM	product family: METRAL / code: 213
		engr	M.STRAWSER 11/19/99		
		chr	M.STRAWSER 11/19/99	scale 1:1	size: A / dwg no: 88904 / sheet: 4
		appd	M.STRAWSER 02/29/00		
sheet index	revision sheet				cage code: 22526

Pro/E

PDM: Rev:L STATUS:Released Printed: Nov 13, 2007

PRODUCT NUMBER
88904-XYY
88904-XYYLF

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:
   88904-XYY IS SnPb
   88904-XYYLF IS Sn (LEAD FREE)
   PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
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 OR XXXXX-XXXPLF
7. PRODUCT SPECIFICATION: GS-12-180
   APPLICATION SPECIFICATION: BUS-20-073
8. 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.
9. FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
   EXAMPLE: 88904-X01LF

PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-PYY	0.25 um GOLD MIN.	-
-N1YY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS 1	-
-5YY	TELCORDIA UE	-
-9YY	TELCORDIA CO	-
-N1YYLF	TELCORDIA CO (NXT) IEC CLASS 1	SEE NOTE 8
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 8
-1YYLF	TELCORDIA CO IEC CLASS 1	SEE NOTE 8
-2YYLF	TELECOM CLASS	SEE NOTE 8
-5YYLF	TELCORDIA UE	SEE NOTE 8

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mat'l code	--			tolerances unless otherwise specified			CUSTOMER COPY	www.fciconnect.com
ltr	ecn no.	dr	date	linear	0.X ±0.3		projection	title METRAL SIGNAL HEADER 4 MOD, 5 ROW PRESS-FIT
L					0.XX ±0.13			
					.XXX ±.051			
				angles	0° ±2°			
				dr	T.BRUNGARD	11/19/99	MM	product family METRAL / code 213
				engr	M.STRAWSER	11/19/99		
				chr	M.STRAWSER	11/19/99	scale 1:1	size A / dwg no 88904 / sheet 5
				appd	M.STRAWSER	02/29/00		
sheet index	revision sheet							cage code 22526

Pro/E

REV E - 2006-04-18

PDM: Rev:L STATUS:Released Printed: Nov 13, 2007

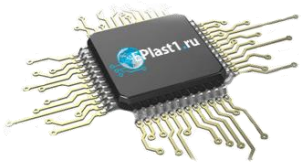
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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.