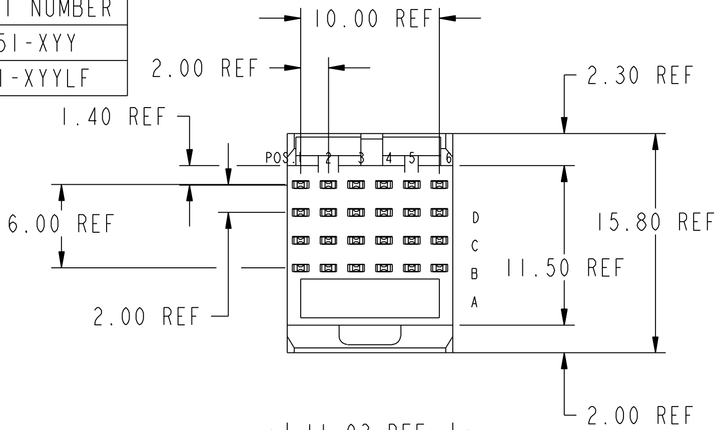
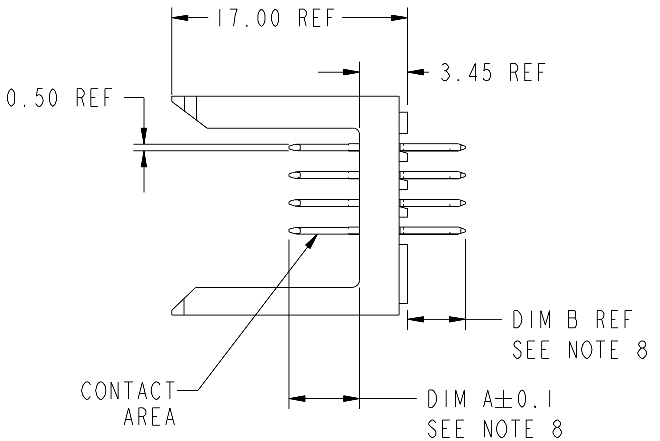
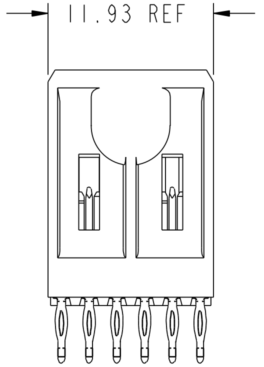
PRODUCT NUMBER
85851-XYY
85851-XYYLF







PLATING IN CONTACT AREA

DASH NUMBER	PERFORMANCE LEVEL	NOTES
-AYY	TELCORDIA CO	SEE NOTE 9
-N1YY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-9YY	TELCORDIA CO	-
-N1YYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 10
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 10
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 10
-2YYLF	TELECOM CLASS	SEE NOTE 10
-5YYLF	TELCORDIA UE	SEE NOTE 10

mat'l code SEE NOTES

ltr	ecn no.	dr	date
AA	V06-0569	DCH	2006-06-13
AB	V07-0206	DCH	2007-03-06
AC	DG10-0165	TER	2010-05-05
-	-	-	-
W	V04-1216	HTB	12/23/04
X	V05-0099	HTB	01/27/05
Y	V05-0367	DAI	05/25/05

tolerances unless otherwise specified

linear	0.X ±0.3
	0.XX ±0.13
	.XXX ±.051
angles	0° ±2°

dr	T.BRUNGARD	11/19/99
engr	M.STRAWSER	11/19/99
chr	M.STRAWSER	11/19/99
appd	M.STRAWSER	02/29/00

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title METRAL SIGNAL HEADER
1 MOD, 4 ROW PRESS-FIT

product family METRAL

code 213

size A

dwg no 85851

sheet 1 of 4

sheet index	revision	AC	AC	AC	AC
	sheet	1	2	3	4

Pro/E

cage code 22526

REV E - 2006-04-18

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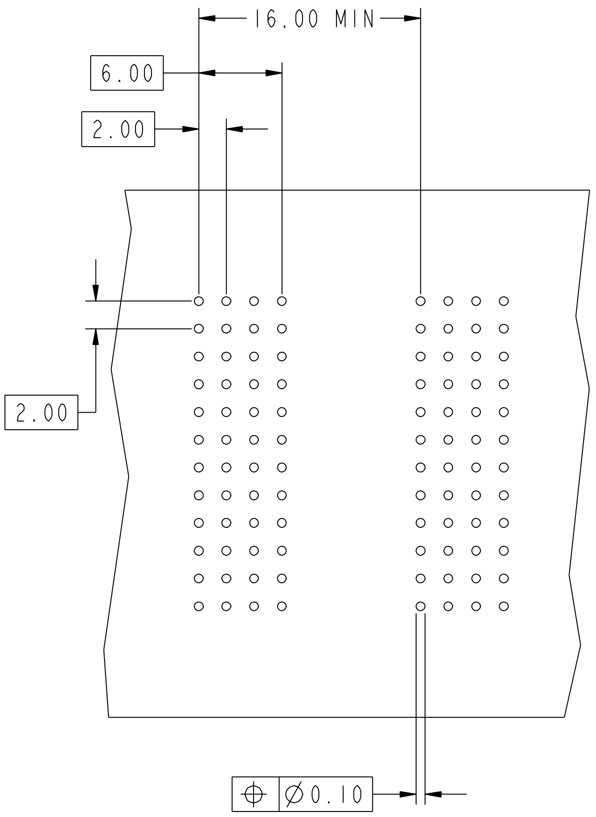

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

KEY (SIGNAL PRESS-FIT)		
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
12	7.25	17.00
13	8.25	4.30
19	8.00	4.30
20	8.00	13.60
23	8.00	17.70
24	6.50	16.30
25	5.75	15.60
26	5.00	14.90
40	5.00	15.60
41	6.50	15.60
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80

mat'l code --				tolerances unless otherwise specified		
ltr	ecn no.	dr	date	linear	0.X ±0.3	
AC					0.XX ±0.13	
					.XXX ±.051	
				angles	0° ±2°	
				dr	T.BRUNGARD	11/19/99
				engr	M.STRAWSER	11/19/99
				chr	M.STRAWSER	11/19/99
				appd	M.STRAWSER	02/29/00
sheet index	revision sheet					

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1 MOD, 4 ROW PRESS-FIT

product family METRAL

code 213

size A

dwg no 85851

sheet 2

Pro/E

cage code 22526

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METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X01 SEE NOTE 11 LEAD FREE OPTION	D	12	25	23	23	23	25
	C	12	25	23	23	23	25
	B	12	25	23	23	23	25
	A	12	25	23	23	23	25

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X02 SEE NOTE 11 LEAD FREE OPTION	D	26	12	12	12	12	23
	C	23	12	12	12	12	23
	B	24	12	12	12	12	23
	A	24	12	12	12	12	23

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X03 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X04 SEE NOTE 11 LEAD FREE OPTION	D	19	19	19	-	-	-
	C	19	19	19	-	-	-
	B	19	19	19	-	-	19
	A	19	19	19	-	-	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X05 SEE NOTE 11 LEAD FREE OPTION	D	4	1	4	1	1	1
	C	4	1	1	1	1	1
	B	4	1	1	1	1	1
	A	4	1	4	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X06 SEE NOTE 11 LEAD FREE OPTION	D	59	59	59	59	59	59
	C	60	60	60	60	60	60
	B	60	60	60	60	60	60
	A	60	60	60	60	60	60

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X07 SEE NOTE 11 LEAD FREE OPTION	D	59	59	59	59	59	59
	C	60	60	60	60	60	60
	B	60	60	60	60	60	60
	A	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X08 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	4	4	4
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X09 SEE NOTE 11 LEAD FREE OPTION	D	40	40	40	40	41	41
	C	40	40	40	40	40	40
	B	40	40	40	40	40	40
	A	40	40	40	40	40	40

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X10 SEE NOTE 11 LEAD FREE OPTION	D	61	61	61	61	61	61
	C	20	20	61	61	61	61
	B	61	61	61	61	61	61
	A	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X11 SEE NOTE 11 LEAD FREE OPTION	D	61	61	61	61	61	61
	C	61	61	61	61	61	61
	B	61	61	61	61	61	61
	A	61	61	61	61	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X12 SEE NOTE 11 LEAD FREE OPTION	D	61	61	61	61	20	20
	C	61	61	61	61	61	61
	B	61	61	61	61	61	61
	A	61	61	61	61	61	61

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X13 SEE NOTE 11 LEAD FREE OPTION	D	26	23	25	23	12	12
	C	23	23	25	23	12	12
	B	24	23	25	23	12	12
	A	23	23	25	23	12	12

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X14 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	3	4	3
	C	2	2	2	3	4	3
	B	2	2	2	3	4	3
	A	2	2	2	3	4	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X15 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	1	1	1	1	3	3
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X16 SEE NOTE 11 LEAD FREE OPTION	D	6	6	6	5	6	6
	C	6	6	6	8	6	6
	B	6	6	6	6	6	6
	A	6	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X17 SEE NOTE 11 LEAD FREE OPTION	D	20	6	6	6	6	6
	C	20	6	6	6	6	6
	B	20	6	6	6	6	6
	A	20	6	6	6	6	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X18 SEE NOTE 11 LEAD FREE OPTION	D	19	2	2	2	2	2
	C	19	2	2	2	2	2
	B	19	2	2	2	2	2
	A	19	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X19 SEE NOTE 11 LEAD FREE OPTION	D	1	1	1	1	1	1
	C	1	1	1	1	1	1
	B	3	1	1	1	3	1
	A	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X20 SEE NOTE 11 LEAD FREE OPTION	D	4	3	4	2	2	2
	C	4	3	4	2	2	2
	B	4	3	4	2	2	2
	A	4	3	4	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X21 SEE NOTE 11 LEAD FREE OPTION	D	3	3	3	3	3	3
	C	3	3	3	3	3	3
	B	3	3	3	3	3	3
	A	1	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X22 SEE NOTE 11 LEAD FREE OPTION	D	4	4	2	3	3	2
	C	4	4	2	3	3	2
	B	4	4	2	3	3	2
	A	4	4	2	3	3	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X23 SEE NOTE 11 LEAD FREE OPTION	D	8	8	6	7	7	6
	C	8	8	6	7	7	6
	B	8	8	6	7	7	6
	A	8	8	6	7	7	6

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X24 SEE NOTE 11 LEAD FREE OPTION	D	4	4	4	2	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	4	4	4	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X25 SEE NOTE 11 LEAD FREE OPTION	D	2	2	2	4	2	2
	C	2	2	2	2	2	2
	B	2	2	2	2	2	2
	A	2	2	2	4	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X26 SEE NOTE 11 LEAD FREE OPTION	D	3	3	4	4	2	19
	C	3	3	4	4	2	19
	B	3	3	4	4	2	19
	A	3	3	4	4	2	19

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X27 SEE NOTE 11 LEAD FREE OPTION	D	7	7	6	8	8	20
	C	7	7	6	8	8	20
	B	7	7	6	8	8	20
	A	7	7	6	8	8	20

mat'l code	--		
ltr	ecn no.	dr	date
AC			

tolerances unless otherwise specified
linear 0.X ±0.3
0.XX ±0.13
.XXX ±.051
angles 0° ±2°

dr	T.BRUNGARD	11/19/99
engr	M.STRAWSER	11/19/99
chr	M.STRAWSER	11/19/99
appd	M.STRAWSER	02/29/00

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1 MOD, 4 ROW PRESS-FIT

product family METRAL
code 213
size A
dwg no 85851
sheet 3

sheet index
revision sheet

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METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X28	D	1	1	20	5	5	5
SEE NOTE 11 LEAD FREE OPTION	C	1	1	20	5	5	5
	B	1	1	20	5	5	5
	A	1	1	20	5	5	5

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X29	D	3	3	4	4	3	3
	C	3	3	3	3	1	3
SEE NOTE 11 LEAD FREE OPTION	B	3	3	3	3	3	3
	A	13	13	13	13	13	13

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X30	D	1	1	3	1	1	1
	C	1	1	3	1	1	1
SEE NOTE 11 LEAD FREE OPTION	B	1	1	1	1	1	3
	A	1	1	1	1	1	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					
		1	2	3	4	5	6
85851-X31	D	2	2	19	2	19	2
	C	2	2	19	2	19	2
SEE NOTE 11 LEAD FREE OPTION	B	2	1	19	2	19	2
	A	2	2	19	2	19	2

AC

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:
   85851 -XYY IS SnPb
   85851-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 AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.

⑨ -A PLATING HAS Au FLASH IN PRESS FIT AREA (LEAD FREE).

⑩ THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

⑪ FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
   EXAMPLE: 85851-X01LF

12. 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 MAXIMIM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

mat'l code --

ltr	ecn no.	dr	date
AC			

tolerances unless otherwise specified

linear	0.X ±0.3	
	0.XX ±0.13	
	.XXX ±.051	
angles	0° ±2°	
dr	T.BRUNGARD	11/19/99
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size A

dwg no 85851

sheet 4

sheet index

revision sheet

Pro/E

cage code 22526

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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
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