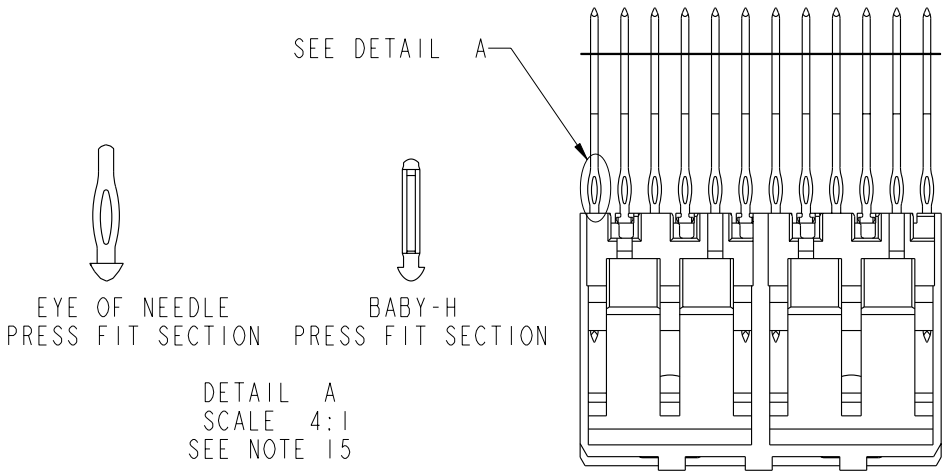
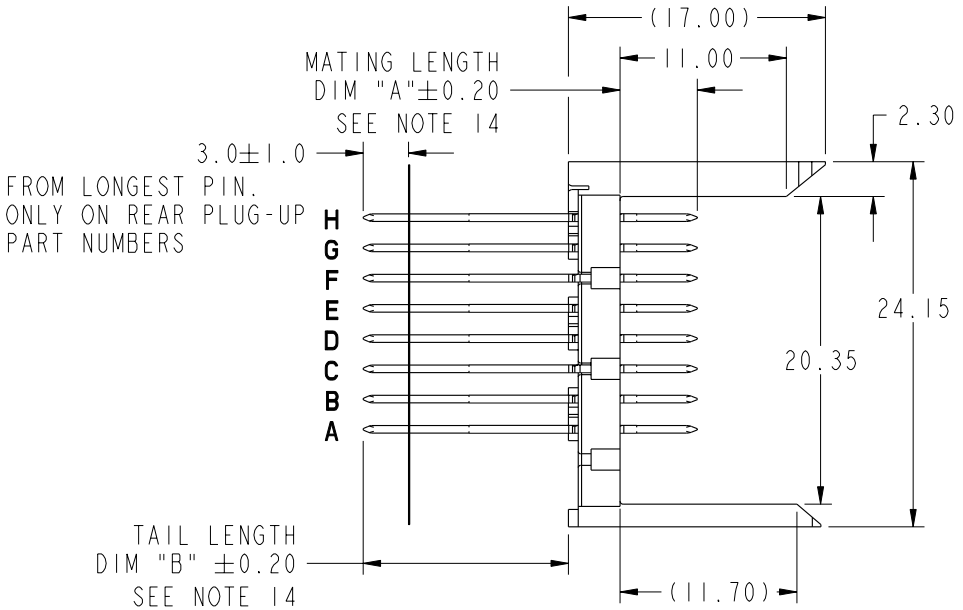
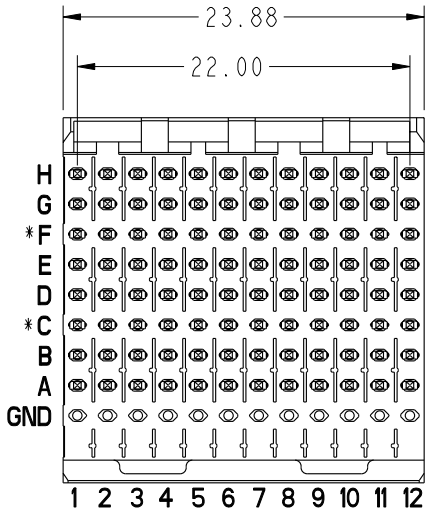
PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	PRESS FIT TAIL PLATING
74771-102ZZZ	TELCORDIA CO	STANDARD
74771-102ZZZLF		LEAD FREE
74771-202ZZZ	CUSTOMER SPECIAL	STANDARD
74771-202ZZZLF		LEAD FREE
74771-302ZZZ	CUSTOMER SPECIAL	STANDARD
74771-302ZZZLF		LEAD FREE
74771-502ZZZ	TELCORDIA UE	STANDARD
74771-502ZZZLF		LEAD FREE
74771-902ZZZ	TELCORDIA CO	STANDARD
74771-902ZZZLF		LEAD FREE



DETAIL A
SCALE 4:1
SEE NOTE 15





mat'l code SEE NOTE 3				tolerances unless otherwise specified		
ltr	ecn no.	dr	date			
N	V06-0544	DCH	2006-06-09	linear	0.X ±0.3	
P	V07-0173	DCH	2007-04-16		0.XX ±0.13	
R	V08-0024	HTB	2008-01-16		.XXX ±.051	
S	V08-0130	LP	2008-03-25	angles	0° ±2°	
-	-	-	-	dr	E. KROPER.	2001-01-15
L	V04-0397	DAI	2004-05-18	engr	J. VOLSTORF	2001-01-15
M	V05-0955	LP	2005-11-09	chr	J. VOLSTORF	2001-01-15
				appd	J. VOLSTORF	2001-01-15

sheet index	revision sheet											
		S	S	S	S	S						
		1	2	3	4	5						

CUSTOMER COPY

projection

MM

scale 1:1

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title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SPECIAL LOAD STD.

product family METRAL | code 213

size A | dwg no 74771 | sheet 1 of 5

cage code 22526

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REV E - 2006-04-18

Pro/E

PDM: Rev:S STATUS:Released Printed: Nov 16, 2011

PRODUCT NUMBER
SEE SHEET 1

NOTES:

1. SEE APPLICATION SPECIFICATION GS-20-010 FOR INFORMATION ON AVAILABLE TOOLING, CURCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURES AND PRODUCT OFFERINGS.

2. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994

3. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, 30% GLASS FILLED, FLAME RETARDANT PER UL 94-V0. PIN MATERIAL: PHOSPHER BRONZE

4. PLATING INFORMATION: PLATING ON CONTACT AREA MEETS THE PERFORMANCE LEVELS SHOWN IN TABLE ON SHEET 1. PLATING ON "LF" TAILS IS Sn. PLATING ON ALL OTHER TAILS IS SnPb.

5. DIMENSIONAL RESTRICTIONS OF PINS IN HEADERS.
   DIM A : 5.0mm MIN, 8.0mm MAX FOR ROWS A-H
   DIM C : 5.0mm MIN, 8.0mm MAX FOR ROWS A-H

6. THE MIN PCB THICKNESS FOR REAR PLUG-UP APPLICATIONS IS 1.6mm

7. USE SHROUD 98173-102 FOR REAR PLUG-UP APPLICATIONS.

8. THE 'CONNECTOR OUTLINE' IS THE MIN OUTLINE REQUIRED. TO DETERMINE THE OUTLINE NECESSARY TO PERMIT THE VARIOUS TYPES OF REPAIR OPERATIONS, SEE APPLICATION SPECIFICATION GS-20-010.

9. CURRENT RATING : 1 AMP PER PIN

10. TEMPERATURE RANGE : -55°C TO +105°C

11. P/N 74771-X02ZZZLF
    - LEAD FREE (OPTIONAL)
    - SPECIAL LOAD PATTERN
    - PLATING CODE

12. PRODUCTS WHERE THE PART NUMBERS ENDS IN A "LF" MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
    ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260° C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

13. FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX. EXAMPLE 74771-X02ZZZLF.

14. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.

15. PIN TYPE IS AT THE MANUFACTURERS OPTION AND CAN BE EITHER BABY-H OR EYE OF THE NEEDLE STYLE

mat'l code SEE NOTE 3				tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date				COPY	
S				linear	0.X ±0.3		projection	title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SPECIAL LOAD STD.
					0.XX ±0.13			
					.XXX ±.051			
				angles	0° ±2°			
				dr	E. KROPER.	2001-01-15	MM	product family METRAL / code 213
				engr	J. VOLSTORF	2001-01-15		
				chr	J. VOLSTORF	2001-01-15	scale 1:1	size A / dwg no 74771 / sheet 2 of 5
				appd	J. VOLSTORF	2001-01-15		
sheet index	revision sheet							cage code 22526

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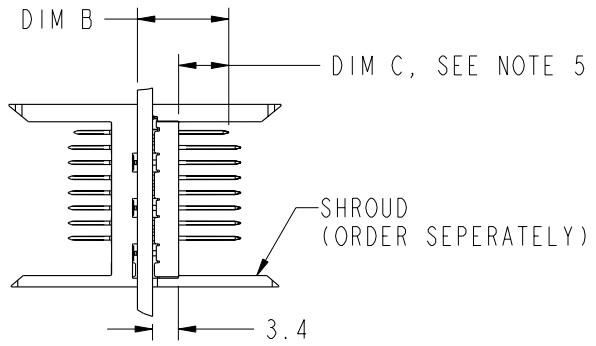
REV E - 2006-04-18

Pro/E

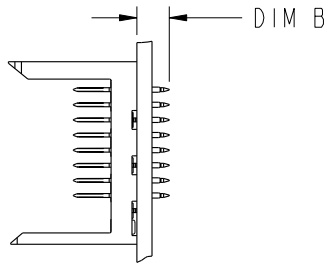
PDM: Rev:S STATUS:Released Printed: Nov 16, 2011

PRODUCT NUMBER
SEE SHEET 1

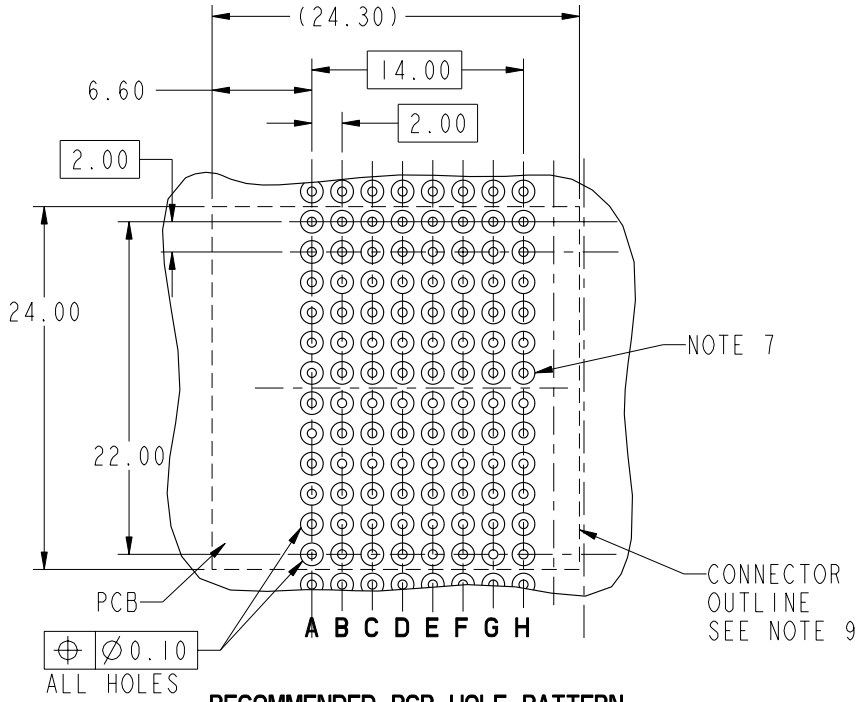
PRESS-FIT HOLES	OPTION 1
HOLE DIAMETER AFTER PLATING	∅0.65-0.80
DRILLED HOLE	∅0.81-0.86 (∅0.85 DRILL)
COPPER PLATING	0.025 MIN
SnPb PLATING	0.005-0.015



REAR PLUG-UP



STUB MOUNT



RECOMMENDED PCB HOLE PATTERN
(COMPONENT SIDE)
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

mat'l code SEE NOTE 3				tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com	
ltr	ecn no.	dr	date				COPY		
S				linear	0.X ±0.3		projection	title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SPECIAL LOAD STD.	
					0.XX ±0.13				
					.XXX ±.051				
				angles	0° ±2°				
				dr	E. KROPER.	2001-01-15	MM	product family METRAL	code 213
				engr	J. VOLSTORF	2001-01-15		size A dwg no 74771	sheet 3 of 5
				chr	J. VOLSTORF	2001-01-15	scale 1:1		
				appd	J. VOLSTORF	2001-01-15			
sheet index	revision sheet								

cage code 22526

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PDM: Rev:S STATUS:Released Printed: Nov 16, 2011

PIN NO.	DIM A MATING LENGTH	DIM B TAIL LENGTH	PCB THICKNESS RANGE ACCOMMODATED BY PIN'S TAIL LENGTH
			ALL ROWS
01*	5.00	4.30	1.60 MIN
54		11.55	1.60 - 3.15
22		12.20	1.60 - 3.80
30		12.95	1.60 - 4.55
05		13.70	2.30 - 5.30
35		14.45	3.05 - 6.05
48		15.20	3.80 - 6.80
40		15.70	4.30 - 7.30
65		16.40	5.00 - 8.00
09		17.10	5.70 - 8.70
02*	5.75	4.30	1.60 MIN
55		11.55	1.60 - 3.15
44		12.20	1.60 - 3.80
31		12.95	1.60 - 4.55
06		13.70	2.30 - 5.30
36		14.45	3.05 - 6.05
49		15.20	3.80 - 6.80
25		15.70	4.30 - 7.30
66		16.40	5.00 - 8.00
10		17.10	5.70 - 8.70
03*	6.50	4.30	1.60 MIN
56		11.55	1.60 - 3.15
45		12.20	1.60 - 3.80
32		12.95	1.60 - 4.55
07		13.70	2.30 - 5.30
37		14.45	3.05 - 6.05
50		15.20	3.80 - 6.80
41		15.70	4.30 - 7.30
24		16.40	5.00 - 8.00
11		17.10	5.70 - 8.70

PIN NO.	DIM A MATING LENGTH	DIM B TAIL LENGTH	PCB THICKNESS RANGE ACCOMMODATED BY PIN LENGTH
			ALL ROWS
04*	7.25	4.30	1.60 MIN
57		11.55	1.60 - 3.15
46		12.20	1.60 - 3.80
33		12.95	1.60 - 4.55
08		13.70	2.30 - 5.30
38		14.45	3.05 - 6.05
51		15.20	3.80 - 6.80
42		15.70	4.30 - 7.30
67		16.40	5.00 - 8.00
12		17.10	5.70 - 8.70
19*	8.00	4.30	1.60 MIN
58		11.55	1.60 - 3.15
47		12.20	1.60 - 3.80
34		12.95	1.60 - 4.55
20		13.70	2.30 - 5.30
39		14.45	3.05 - 6.05
52		15.20	3.80 - 6.80
43		15.70	4.30 - 7.30
68		16.40	5.00 - 8.00
21		17.10	5.70 - 8.70

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mat'l code SEE NOTE 3				tolerances unless otherwise specified			CUSTOMER
ltr	ecn no.	dr	date				COPY
S				linear	0.X ±0.3		projection
					0.XX ±0.13		
					.XXX ±.051		
				angles	0° ±2°		MM
				dr	E. KROPER.	2001-01-15	
				engr	J. VOLSTORF	2001-01-15	
				chr	J. VOLSTORF	2001-01-15	scale 1:1
				appd	J. VOLSTORF	2001-01-15	
sheet index	revision sheet						

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title: VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SPECIAL LOAD STD.

product family: METRAL | code: 213

size: A | dwg no: 74771 | sheet: 4 of 5

cage code: 22526

REV E - 2006-04-18

Pro/E

PDM: Rev:S STATUS:Released Printed: Nov 16, 2011

SPECIAL LOAD PATTERNS		
PRODUCT #	ROW	PIN #
74771-X02001 SEE NOTE 13 LEAD FREE OPTION	H	01
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02004 *RPU SEE NOTE 13 LEAD FREE OPTION	H	05
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02011 SEE NOTE 13 LEAD FREE OPTION	H	02
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02012 *RPU SEE NOTE 13 LEAD FREE OPTION	H	44
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-

CIRCUIT PCB THICKNESS RANGE FOR REAR PLUG-UP: 2.30 - 5.30

CIRCUIT PCB THICKNESS RANGE FOR REAR PLUG-UP: 1.60 - 3.80

SPECIAL LOAD PATTERNS		
PRODUCT #	ROW	PIN #
74771-X02018 *RPU SEE NOTE 13 LEAD FREE OPTION	H	10
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02021 SEE NOTE 13 LEAD FREE OPTION	H	03
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02023 *RPU SEE NOTE 13 LEAD FREE OPTION	H	32
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02031 SEE NOTE 13 LEAD FREE OPTION	H	04
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-

CIRCUIT PCB THICKNESS RANGE FOR REAR PLUG-UP: 5.70 - 8.70

CIRCUIT PCB THICKNESS RANGE FOR REAR PLUG-UP: 1.60 - 4.55

SPECIAL LOAD PATTERNS		
PRODUCT #	ROW	PIN #
74771-X02041 SEE NOTE 13 LEAD FREE OPTION	H	19
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-
74771-X02042 *RPU SEE NOTE 13 LEAD FREE OPTION	H	06
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	-

CIRCUIT PCB THICKNESS RANGE FOR REAR PLUG-UP: 2.30 - 5.30

* REAR PLUG-UP PART NUMBER

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mat'l code SEE NOTE 3				tolerances unless otherwise specified			CUSTOMER	FCI www.fciconnect.com
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY	
S					0.XX ±0.13		projection	title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SPECIAL LOAD STD.
					.XXX ±.051			
				angles	0° ±2°			
				dr	E. KROPER.	2001-01-15	MM	product family METRAL / code 213
				engr	J. VOLSTORF	2001-01-15		size A / dwg no 74771 / sheet 5 of 5
				chr	J. VOLSTORF	2001-01-15	scale 1:1	
				appd	J. VOLSTORF	2001-01-15		
sheet index	revision sheet							cage code 22526

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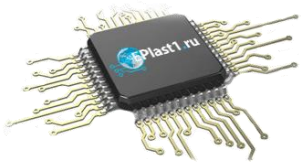
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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.);

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- 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.