

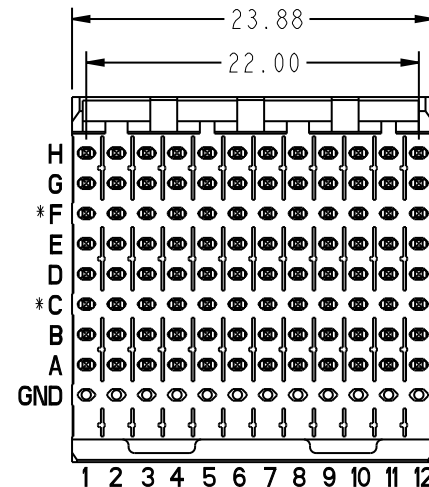
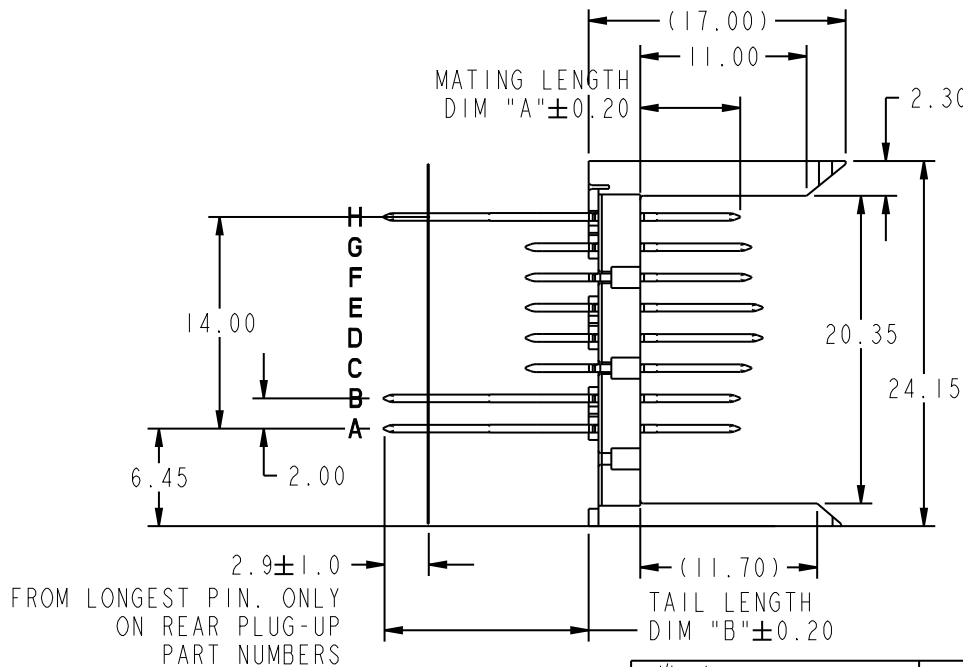
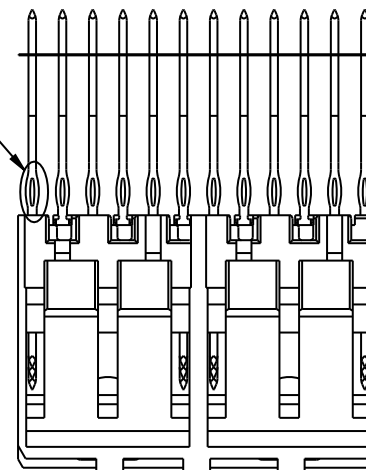


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PRODUCT NUMBER	PLATING PERFORMANCE LEVEL
98030-1YYY	TELCORDIA CO
98030-1YYYYLF	TELCORDIA CO
98030-5YYY	TELCORDIA UE
98030-5YYYYLF	TELCORDIA UE



DETAIL A
 SCALE 4:1
 SEE NOTE 14




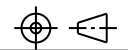

mat'l code SEE NOTE 3				tolerances unless otherwise specified			CUSTOMER	FCI	
ltr	ecp no.	dr	date	linear	0.X ± 0.3	COPY	www.fciconnect.com		
T	V06-0573	DCH	2006-06-14		0.XX ± 0.13	projection	title VERTICAL SIGNAL HDR 8 ROW		
U	V07-0168	DCH	2007-03-23	angles	.XXX ± .051		P.F. 96 POS. SELECT LOAD EXT.		
V	V08-0030	HTB	2008-02-23		0° ± 2°		product family METRAL		code 213
W	V08-0066	LP	2008-03-24	dr	E. KROPER. 2001-01-15		size	dwg no	sheet
X	109-0280	RKV	2009-12-15	engr	J. VOLSTORF 2001-01-15		A	98030	1 of 6
-	-	-	-	chr	RAJKRISHNAN.V 2009-12-15	scale			
-	-	-	-	appd	BIJU K PAUL 2009-12-15	1:1			
sheet index	revision sheet	X 1	X 2	X 3	X 4	X 5	X 6		

cage code 22526

PIN NO.	DIM A MATING LENGTH	DIM B TAIL LENGTH	PCB THICKNESS RANGE ACCOMMODATED BY PIN'S TAIL LENGTH
			ROWS A,B,C,D,E,F,G, & H
01*	5.00	4.30	1.60 MIN
22		12.20	2.95 - 3.80
30		12.95	2.95 - 4.55
05		13.70	2.95 - 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
44		12.20	2.95 - 3.80
31		12.95	2.95 - 4.55
06		13.70	2.95 - 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
45		12.20	2.95 - 3.80
32		12.95	2.95 - 4.55
07		13.70	2.95 - 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
			ROWS A,B,C,D,E,F,G & H
04*	7.25	4.30	1.60 MIN
46		12.20	2.95 - 3.80
33		12.95	2.95 - 4.55
08		13.70	2.95 - 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
47		12.20	2.95 - 3.80
34		12.95	2.95 - 4.55
20		13.70	2.95 - 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

* STUB PINS - NO REAR PLUG-UP

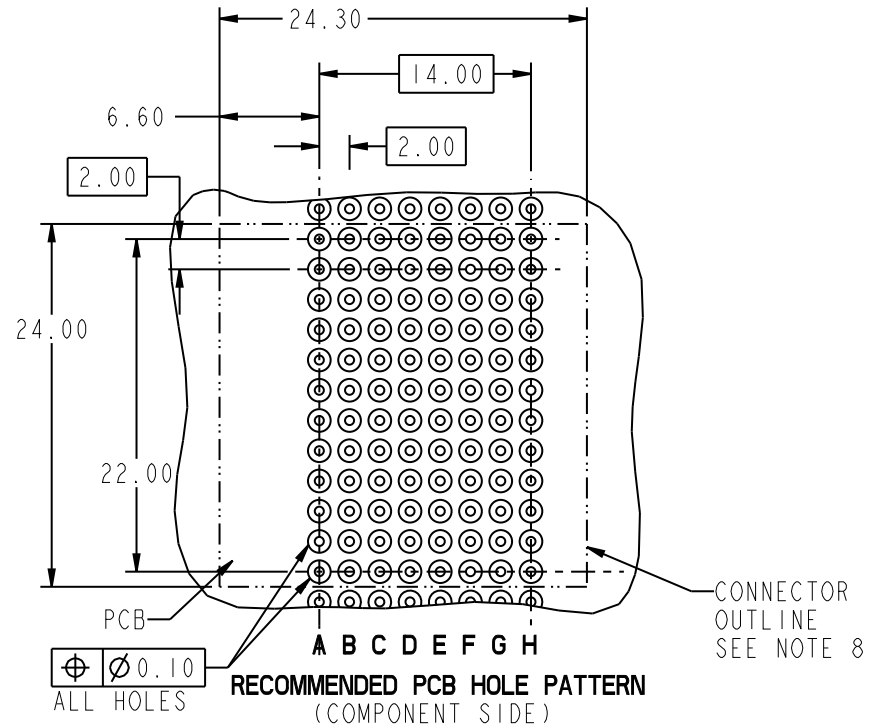
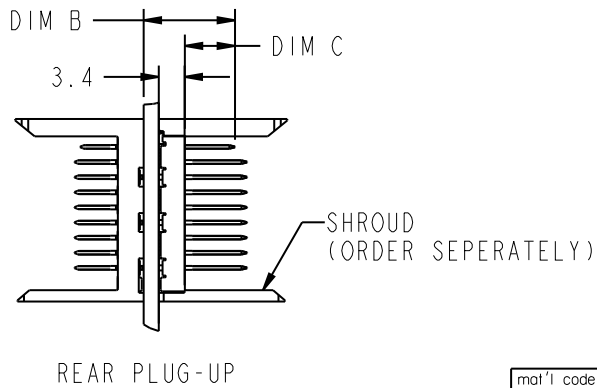
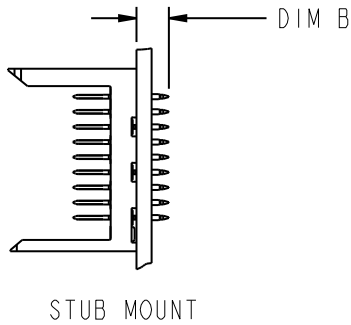
mat'l code		SEE NOTE 3		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT.	
X					0.XX ±0.13		projection			
					.XXX ±.051					
				angles	0° ±2°				product family METRAL	
				dr	E. KROPER.	2001-01-15	code			213
				engr	J. VOLSTORF	2001-01-15	size	dwg no		2
				chr	RAJKRISHNAN.V	2009-12-15	scale		98030	
				appd	BIJU K PAUL	2009-12-15	A		sheet	
sheet index	revision sheet									



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PRODUCT NUMBER
SEE SHEET 1

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



SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

mat'l code SEE NOTE 3				tolerances unless otherwise specified		CUSTOMER		FCJ www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		projection 	title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT.		
X					0.XX ±0.13	MM				product family METRAL	code 213
					angles	.XXX ±.051	scale 1:1			size A	sheet 3
				dr	E. KROPER. 2001-01-15			98030	3		
				enr	J. VOLSTORF 2001-01-15					cage code 22526	4
				chr	RAJKRISHNAN.V 2009-12-15						
				appd	BIJU K PAUL 2009-12-15						
sheet index	revision sheet										

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METRAL P/N	ROW	CONTACT CODE											
98030-X013 SEE NOTE 13 LEAD FREE OPTION	H	02	02	02	02	02	02	02	02	02	02	02	02
	G	02	02	02	02	02	02	02	02	02	02	02	02
	F	04	04	02	02	02	02	02	02	02	02	02	02
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	02	02	02	02	02	02	02	02	02	02	02	02
	C	02	02	02	02	02	02	02	02	02	02	02	02
	B	02	02	02	02	02	02	02	02	02	02	02	02
	A	02	02	02	02	02	02	02	02	02	02	02	02
	GND	-	-	-	-	-	-	-	-	-	-	-	-


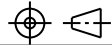


METRAL P/N	ROW	CONTACT CODE											
98030-X017 SEE NOTE 13 LEAD FREE OPTION	H	02	02	02	02	02	02	02	02	02	01	02	02
	G	02	02	02	02	02	02	02	02	02	02	02	02
	F	04	04	02	02	02	02	02	02	02	02	02	02
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	02	02	02	02	02	02	02	02	02	02	02	02
	C	02	02	02	02	02	02	02	02	02	02	02	02
	B	02	02	02	02	02	02	02	02	02	02	02	02
	A	02	02	02	02	02	02	02	02	02	02	02	02
	GND	-	-	-	-	-	-	-	-	-	-	-	-

METRAL P/N	ROW	CONTACT CODE											
98030-X014 SEE NOTE 13 LEAD FREE OPTION	H	02	02	02	02	02	02	02	02	02	02	02	02
	G	02	02	02	02	02	02	02	02	02	02	02	02
	F	04	04	02	02	02	02	01	02	02	02	02	02
	E	02	02	02	02	02	02	02	02	02	02	02	02
	D	02	02	02	02	02	02	02	02	02	02	02	02
	C	02	02	02	02	02	02	02	02	02	02	02	02
	B	02	02	02	02	02	02	02	02	02	02	02	02
	A	02	02	02	02	02	02	02	02	02	02	02	02
	GND	-	-	-	-	-	-	-	-	-	-	-	-

METRAL P/N	ROW	CONTACT CODE											
98030-X015 * SEE NOTE 13 LEAD FREE OPTION	H	-	55	-	55	-	55	-	55	-	55	-	55
	G	55	-	55	-	55	-	55	-	55	-	55	-
	F	-	55	-	55	-	55	-	55	-	55	-	55
	E	55	-	55	-	55	-	55	-	55	-	55	-
	D	-	55	-	55	-	55	-	55	-	55	-	55
	C	55	-	55	-	55	-	55	-	55	-	55	-
	B	-	55	-	55	-	55	-	55	-	55	-	55
	A	55	-	55	-	55	-	55	-	55	-	55	-
	GND	-	-	-	-	-	-	-	-	-	-	-	-

METRAL P/N	ROW	CONTACT CODE											
98030-X016 * SEE NOTE 13 LEAD FREE OPTION	H	55	55	55	55	55	55	55	55	55	55	55	55
	G	55	55	55	55	55	55	55	55	55	55	55	55
	F	57	57	55	55	55	55	55	55	55	55	55	55
	E	55	55	55	55	55	55	55	55	55	55	55	55
	D	55	55	55	55	55	55	55	55	55	55	55	55
	C	55	55	55	55	55	55	55	55	55	55	55	55
	B	55	55	55	55	55	55	55	55	55	55	55	55
	A	55	55	55	55	55	55	55	55	55	55	55	55
	GND	-	-	-	-	-	-	-	-	-	-	-	-

*REAR PLUG-UP PART NUMBER


mat'l code SEE NOTE 3		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY	
X				linear	0.XX ±0.13	projection	
				angles	.XXX ±.051		
				angles	0° ±2°		
		dr	E. KROPER.	2001-01-15	MM		product family
		enrg	J. VOLSTORF	2001-01-15			METRAL
		chr	RAJKRISHNAN.V	2009-12-15	scale		code
		appd	BIJU K PAUL	2009-12-15	1:1		213
sheet	revision						size
index	sheet						dwg no
							98030
							sheet
							5



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PRODUCT NUMBER
SEE SHEET 1


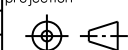

NOTES:

1. SEE APPLICATION SPECIFICATION GS-20-010 FOR INFORMATION ON AVAILABLE TOOLING, CIRCUIT 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: PHOSPHOR BRONZE
4. PLATING ON CONTACT AREAS PER 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 98030-XXXXLF

12. PRODUCTS WHERE THE PART NUMBER ENDS IN "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: 98030-XXXXLF
14. PIN TYPE IS AT THE MANUFACTURERS OPTION AND CAN BE EITHER BABY-H OR EYE OF THE NEEDLE STYLE



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mat'l code SEE NOTE 3				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SELECT LOAD EXT.		
X					0.XX ±0.13		projection				
					.XXX ±.051						
				angles	0° ±2°				product family METRAL code		
				dr	E. KROPER.	2001-01-15	scale		size		
				enrg	J. VOLSTORF	2001-01-15	1:1		dwg no		
				chr	RAJKRISHNAN.V	2009-12-15	A		98030		
				appd	BIJU K PAUL	2009-12-15			sheet 213		
sheet index		revision sheet								sheet 6	



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.