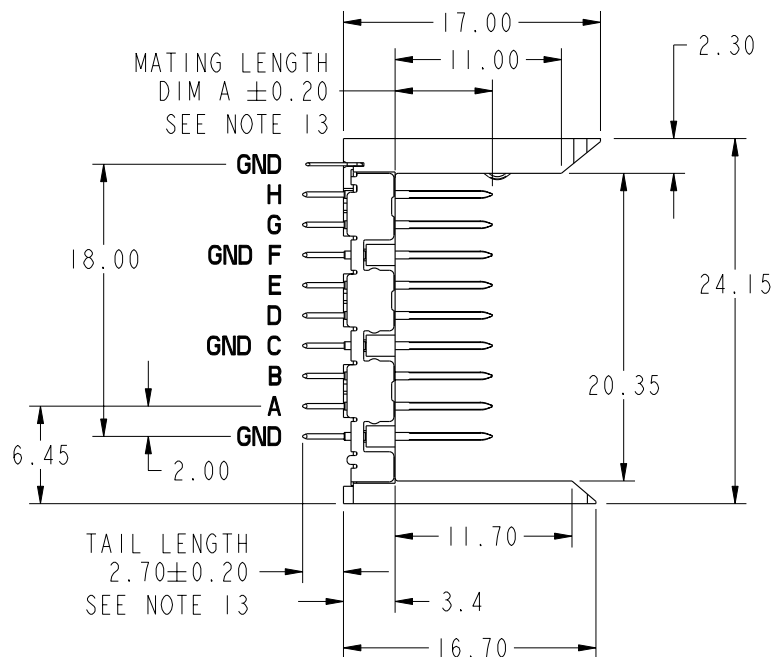


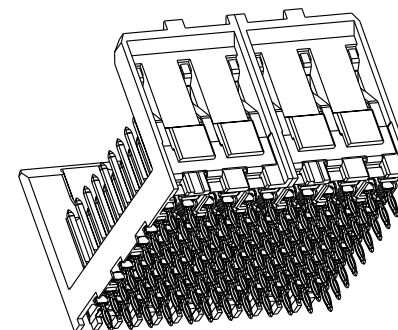
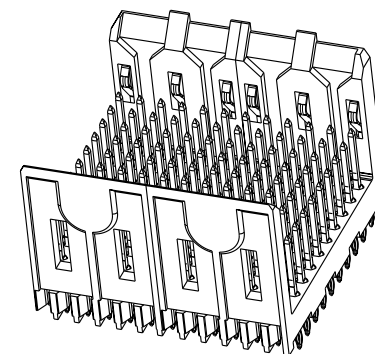
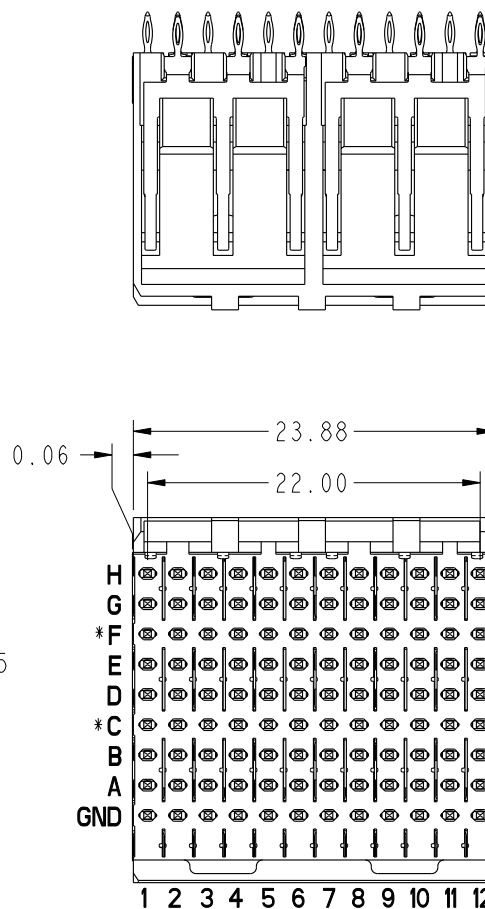


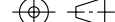
This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.

PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	PRESS FIT TAIL PLATING
55004-102ZZZ	TELCORDIA CO	STANDARD
55004-102ZZZLF		LEAD FREE
55004-502ZZZ	TELCORDIA UE	STANDARD
55004-502ZZZLF		LEAD FREE



***ROW C AND F INFORMATION**
ODD NUMBER COLUMNS WITHIN ROW C & F ARE COMMONED
TO GROUND INTERNALLY WITHIN THE HOUSING. THE
EVEN NUMBER COLUMNS WITHIN ROW C & F ARE NOT.
FOR MAXIMUM PERFORMANCE IT IS RECOMMENDED THESE
EVEN COLUMNS BE GROUND COMMONED WITHIN PCB.
SEE NOTE 12

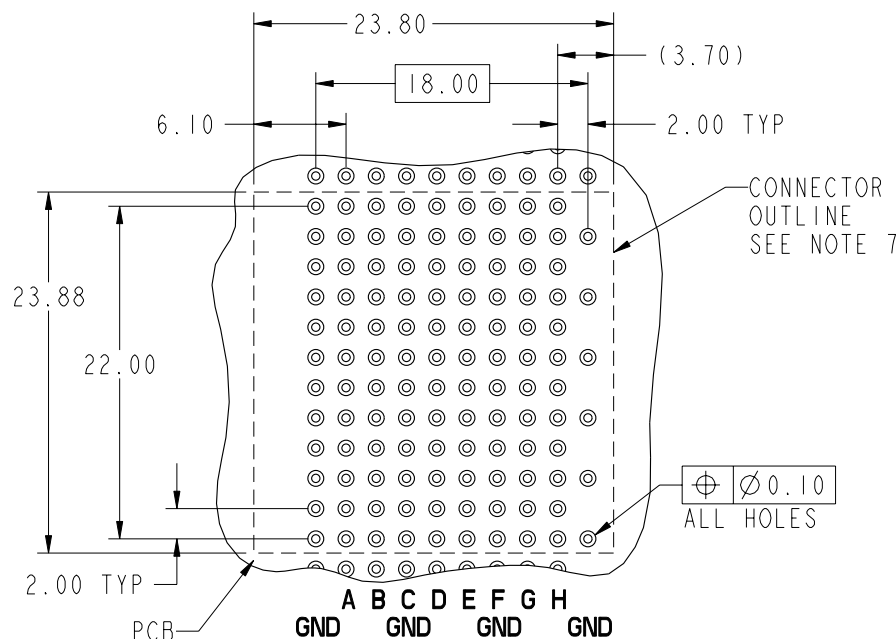


mat'l code SEE NOTE 3				tolerances unless otherwise specified		CUSTOMER		FCi www.fciconnect.com		
ltr	ecn no.	dr	date	linear	0.X ± 0.3	projection 	COPY	title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SPECIAL LOAD STD.		
H	V07-0686	HTB	2007-11-19		0.XX ± 0.13					
J	V08-0039	HTB	2008-01-25		.XXX ± .051					
-	-	-	-	angles	0° ± 2°	MM  scale 2:1	product family METRAL 4000	code 213	sheet 1 of 5	
D	V05-0771	VS	2005-09-06	dr	E. KROPER. 2001-10-24					
E	V06-0492	DCH	2006-05-23	enrg	J. VOLSTORF 2001-10-24					
F	V06-0868	DCH	2006-08-29	chr	J. VOLSTORF 2001-10-24	scale 2:1	size A	dwg no 55004		
G	V07-0176	DCH	2007-04-17	appd	J. VOLSTORF 2001-10-24					
sheet index	revision sheet	J	J	J	J	J				
		1	2	3	4	5				



PRODUCT NUMBER
SEE SHEET 1

PRESS-FIT HOLES	OPTION 1	OPTION 2
HOLE DIAMETER AFTER PLATING	0.45-0.55	0.48-0.57
DRILLED HOLE	0.60±0.02	0.60±0.02
COPPER PLATING	0.025 MIN-0.050 MAX.	0.025 MIN-0.050 MAX.
SnPb PLATING	0.005-0.015	---



RECOMMENDED PCB HOLE PATTERN
(COMPONENT SIDE)
SEE NOTE 11

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	projection	COPY	title	VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SPECIAL LOAD STD.
J					0.XX ±0.13				
					.XXX ±.051				
				angles	0° ±2°	MM	scale	product family	METRAL 4000
				dr	E. KROPER. 2001-10-24				
				enrg	J. VOLSTORF 2001-10-24				
				chr	J. VOLSTORF 2001-10-24	2:1	A	size	55004
				appd	J. VOLSTORF 2001-10-24				
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:J

STATUS: Released

Printed: May 13, 2011

PRODUCT NUMBER

SEE SHEET 1

NOTES:

1. SEE APPLICATION SPECIFICATION GS-20-014 FOR INFORMATION ON AVAILABLE TOOLING, CIRCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURE AND PRODUCT OFFERINGS. SEE PRODUCT SPECIFICATION GS-12-185.
2. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5, 1994
3. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, 30% GLASS FILLED, FLAME RETARDANT PER UL 94-V0.
PIN MATERIAL: PHOSPHOR BRONZE
GROUND SPRING MATERIAL: PHOSPHOR BRONZE
STRIPLINE SHIELD MATERIAL: PHOSPHOR 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.
FOR USE WITH METRAL 4000 RECEPTACLES.
DIM A : 5.00mm MIN, 6.50mm MAX FOR ROWS A,B,D,E,G,H
DIM A : 5.00mm MIN, 8.00mm MAX FOR ROWS C-F
DIM A : 5.00mm MIN, 5.75mm MAX FOR ROWS GND
FOR USE WITH METRAL 1000 RECEPTACLES
DIM A : 5.00mm MIN, 8.00mm MAX FOR ROWS A,B,C,D,E,F,G,H
DIM A : 5.00mm MIN, 5.75mm MAX FOR ROW GND
6. THE MIN PCB THICKNESS FOR FRONT PLUG-UP APPLICATIONS IS 1.6mm.
7. 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.
8. CURRENT RATING : 1 AMP PER PIN
9. TEMPERATURE RANGE : -55°C TO +105°C

10. P/N 55004-X02ZZZLF

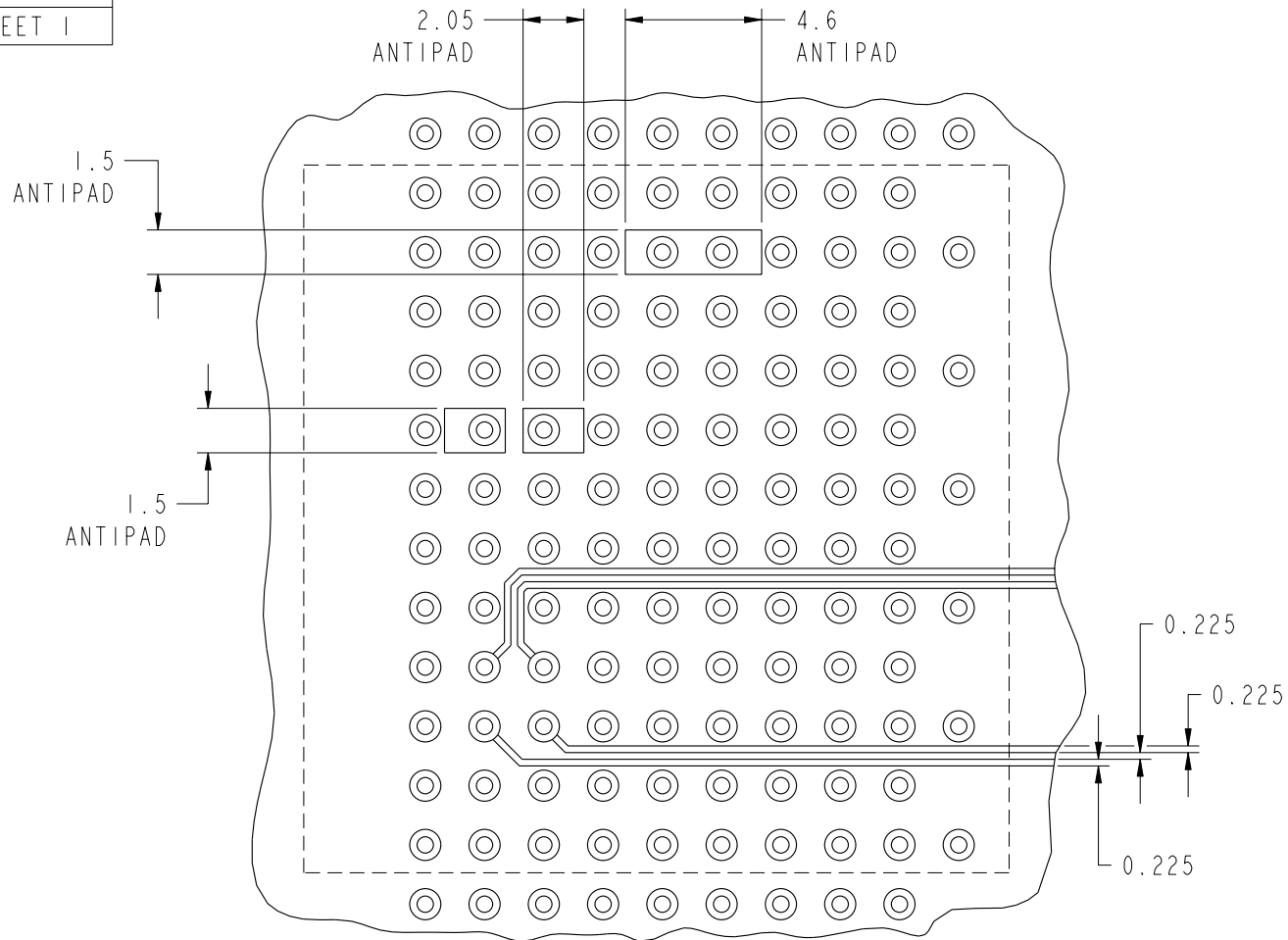


11. AVOID TRACES ON TOP OF BOARD DUE TO EXPOSED GROUND SHIELDS.
12. FOR FRONT PLUG-UP APPLICATIONS, THE EVEN NUMBERED PINS IN ROW "C" AND "F" CAN BE USED FOR POWER AS WELL AS FOR GROUND. IF THE SURROUNDING PINS ARE NOT USED FOR POWER, THEN EACH PIN CAN CARRY 3 AMPS. IF THE SURROUNDING PINS ARE USED FOR POWER, THEN EACH PIN CAN CARRY 1 AMP. WHEN THE SURROUNDING PINS ARE USED ONLY FOR LOW SPEED SIGNALS, THEN THE EVEN NUMBERED "C" AND "F" ROW PINS CAN ALSO BE USED FOR LOW SPEED SIGNALS.
13. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
14. THE PRODUCTS WHERE THE PART NUMBER ENDS IN 'LF' MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY 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.
15. FOR LEAD FREE PART NUMBERS, ADD AN 'LF' SUFFIX. EXAMPLE: 55004-X02002LF.
16. EQUIVALENT PRECIOUS METAL PLATING MAY BE SUBSTITUTED.

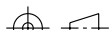
mat'l code SEE NOTE 3				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com				
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY		title VERTICAL SIGNAL HDR 8 ROW P.F. 96 POS. SPECIAL LOAD STD.			
J					0.XX ±0.13		projection					
					.XXX ±.051							
				angles	0° ±2°							
				dr	E. KROPER.	2001-10-24			product family		METRAL 4000	code
				enrg	J. VOLSTORF	2001-10-24			size	dwg no	213	
				chr	J. VOLSTORF	2001-10-24			scale	A	55004	
				appd	J. VOLSTORF	2001-10-24			2:1			
sheet index	revision sheet											

This document is the property of and embodies
 CONFIDENTIAL and PROPRIETARY information of FCI.
 No part of the information shown on this
 document may be used in any way or disclosed
 to others without the written consent of FCI.
 Copyright FCI.

PRODUCT NUMBER
SEE SHEET 1



RECOMMENDED TRACK AND ANTIPAD DIMENSIONS
SCALE 4:1

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. SPECIAL LOAD STD.			
J					0. XX ±0. 13			projection					
					. XXX ±. 051								
				angles	0° ±2°			 MM 2:1		product family		METRAL 4000	code
				dr	E. KROPER.	2001-10-24	size		dwg no	213		sheet	
				enrg	J. VOLSTORF	2001-10-24	A		55004	4			
				chr	J. VOLSTORF	2001-10-24							
				appd	J. VOLSTORF	2001-10-24							
sheet index	revision sheet												

This document is the property of and embodies
 CONFIDENTIAL and PROPRIETARY information of FCI.
 No part of the information shown on this
 document may be used in any way or disclosed
 to others without the written consent of FCI.
 Copyright FCI.

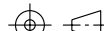
This document is the property of and embodies
CONFIDENTIAL and PROPRIETARY information of FCI.
No part of the information shown on this
document may be used in any way or disclosed
to others without the written consent of FCI.
Copyright FCI.



PRODUCT #	SPECIAL LOAD PATTERN	
	ROW	PIN CODES
55004-X02002 SEE NOTE 15 LEAD FREE OPTION	H	03
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	02

DIM A	PIN CODES
5.00	01
5.75	02
6.50	03
7.25	04
8.00	*19

* CURRENTLY NOT AVAILABLE

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. SPECIAL LOAD STD.			
J					0.XX ±0.13				projection					
					.XXX ±.051									
				angles	0° ±2°						product family size dwg no A 55004			
				dr	E. KROPER.	2001-10-24		scale 1:1						
				enrg	J. VOLSTORF	2001-10-24								
				chr	J. VOLSTORF	2001-10-24								
				appd	J. VOLSTORF	2001-10-24				code 213 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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.