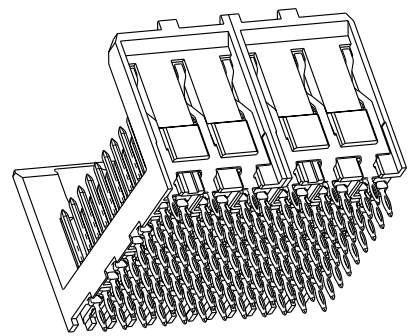
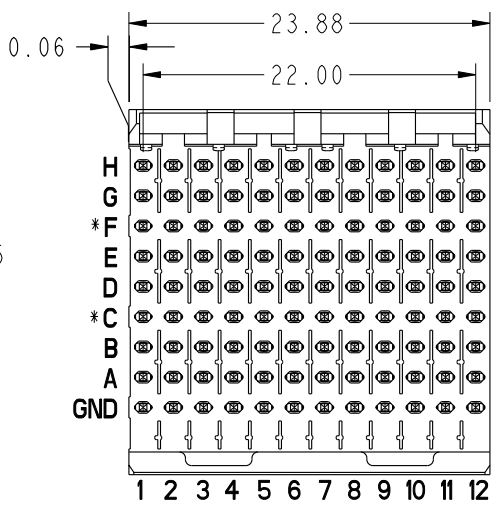
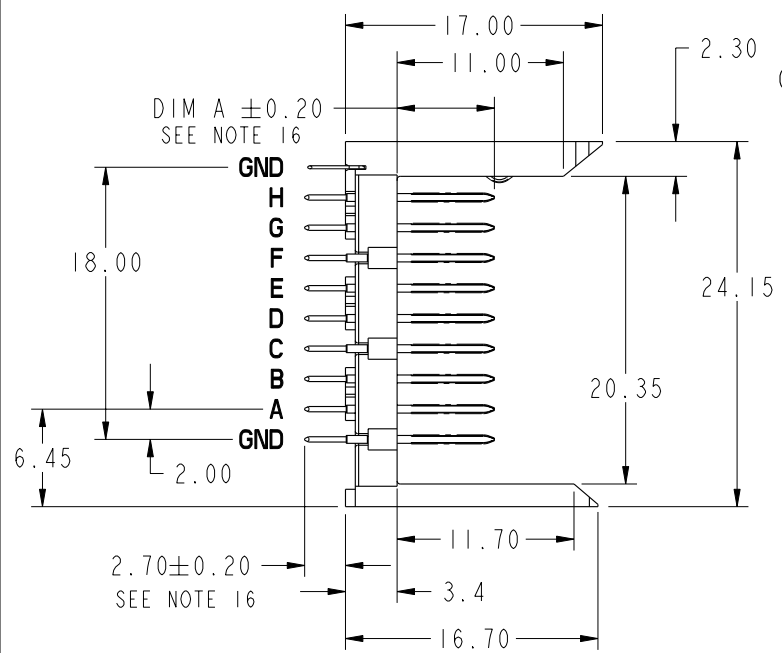
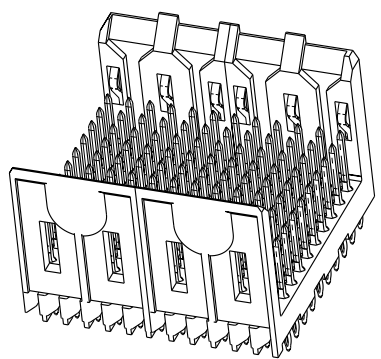
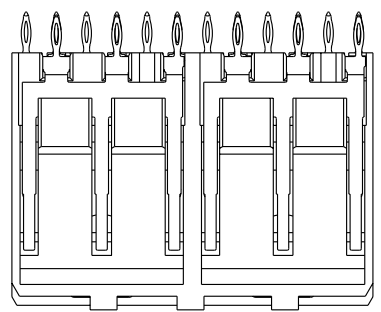


PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	APPLICATION
10064100-502ZZZ	TELCORDIA UE	STANDARD
10064100-502ZZZLF		LEAD FREE
10064100-902ZZZ	TELCORDIA CO	STANDARD
10064100-902ZZZLF		LEAD FREE

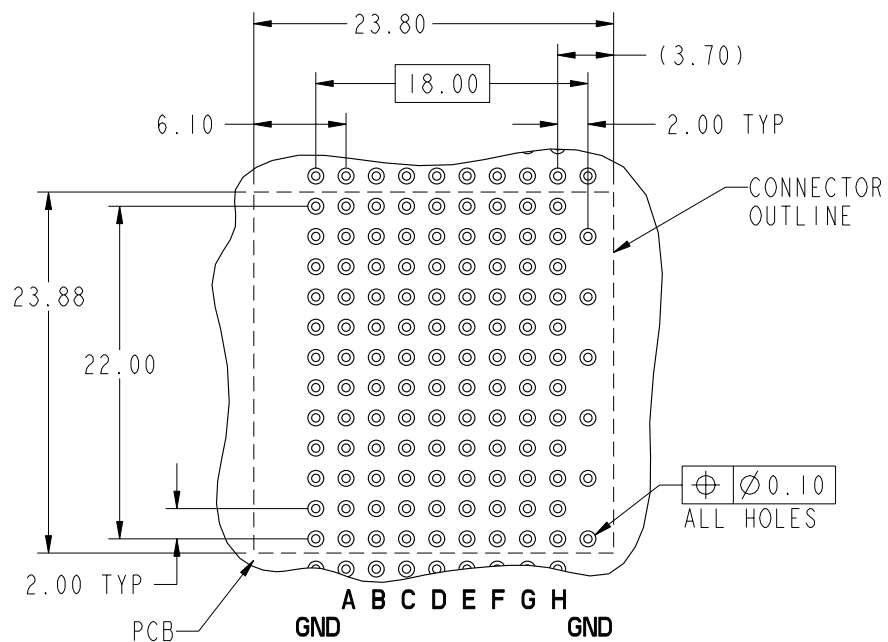


This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

mat'l code				--		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX ± .01		COPY		title SIGNAL HEADER 2 MOD, 8 ROW MINI PRESS-FIT, STD		
A	V05-1105	LP	12/8/05		.XXX ± .005		projection				
B	V06-0492	DCH	2006-05-23		.XXX ± .0020		MM				
C	V07-0185	DCH	2007-4-23	angles	0° ± 2°		scale		product family METRAL 1000 code		
				dr	L. POTTEIGER	12/8/05	← MM →		size		213
				enrg	J. VOLSTORF	12/8/05	2:1		dwg no		1 of 4
				chr	J. VOLSTORF	12/8/05			A		10064100
				appd	J. VOLSTORF	12/8/05					
sheet index	revision sheet	C	C	C	C	C					
		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 10 & 14

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	.XX ±.01	COPY		projection	title SIGNAL HEADER 2 MOD, 8 ROW MINI PRESS-FIT, STD
C	-	-	-		.XXX ±.005				
					.XXXX ±.0020	product family METRAL 1000 code size dwg no 213			
				angles	0° ±2°	scale 2:1		product family METRAL 1000 code size dwg no 213 sheet 2	
				dr	L. POTTEIGER 12/8/05	MM 		product family METRAL 1000 code size dwg no 213 sheet 2	
				enr	J. VOLSTORF 12/8/05	A 10064100		cage code 22526	
				chr	J. VOLSTORF 12/8/05				
				appd	J. VOLSTORF 12/8/05				
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.



SPECIAL LOAD PRODUCT #	ROW	PIN CODES
10064100-X02001 SEE NOTE 18 LEAD FREE OPTION	H	I
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	I

DIM A	PIN CODES
5.00	1
5.75	2
6.50	3
7.25	4
8.00	*19

* CURRENTLY NOT AVAILABLE

NOTES:

- SEE APPLICATION SPECIFICATION GS-20-014 FOR INFORMATION ON AVAILABLE TOOLING, CIRCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURES AND PRODUCT OFFERINGS. SEE PRODUCT SPECIFICATION GS-12-185.
- UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5, 1994
- 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
- PLATING INFORMATION: PLATING IN CONTACT AREA MEETS PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET I. PLATING ON "LF" TAILS IS Sn ONLY; OTHERS ARE SnPb.
- 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
 - FOR USE WITH METRAL 1000 RECEPTACLES/
DIM A : 5.00mm MIN, 8.00mm MAX FOR ROWS A,B,C,D,E,F,G,H
 - FOR ROW GND
DIM A : 5.00mm MIN, 5.75mm MAX FOR ROW GND
- THE MIN PCB THICKNESS FOR FRONT PLUG-UP APPLICATIONS IS 1.6mm.
- 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.
- CURRENT RATING : 1 AMP PER PIN
- TEMPERATURE RANGE : -55°C TO +105°C
- P/N 10064100-X 02 ZZZ

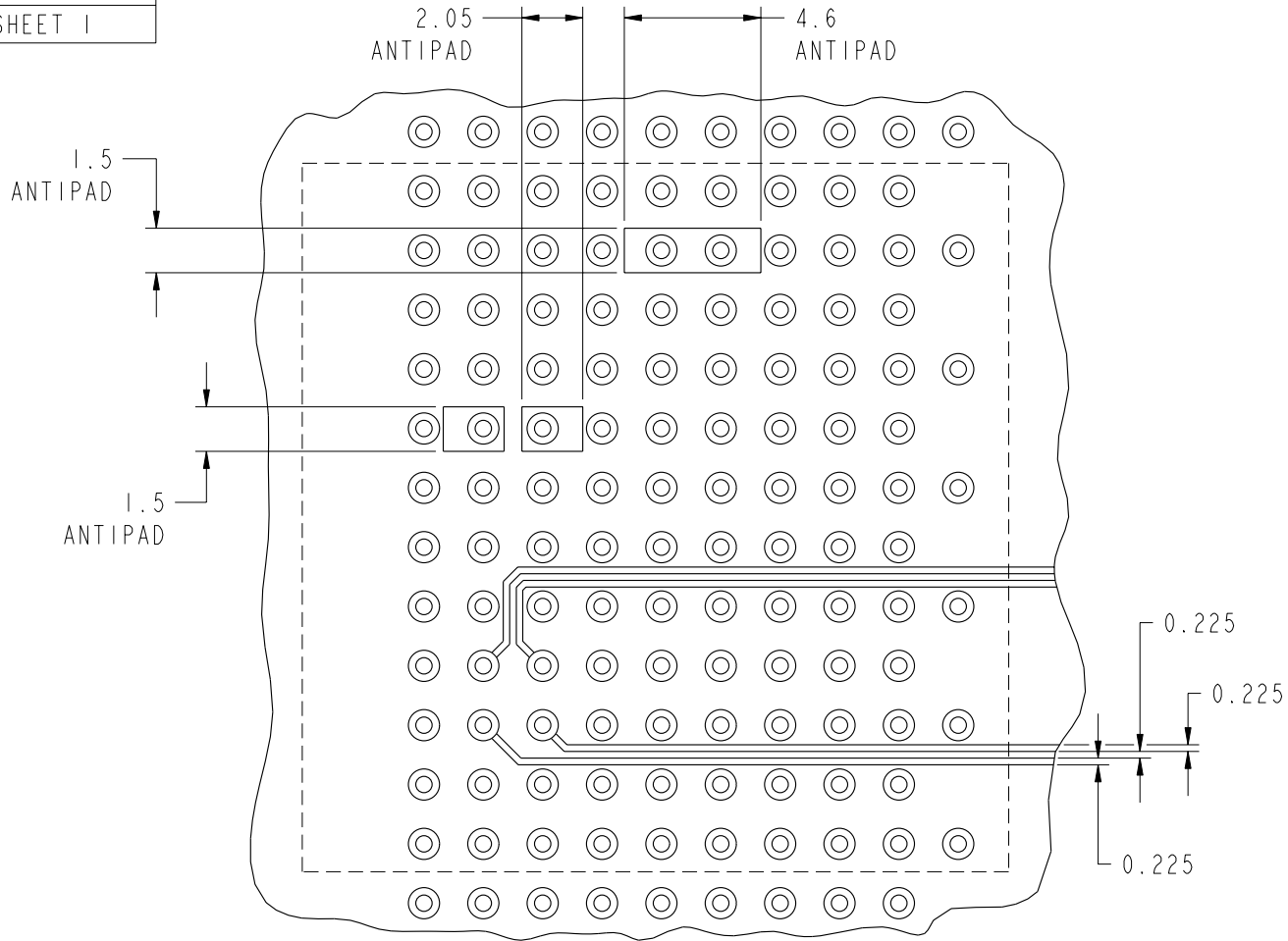


- AVOID TRACES ON TOP OF BOARD DUE TO EXPOSED GROUND SHIELDS.
- FOR FRONT PLUG-UP APPLICATIONS, IF THE SURROUNDING PINS ARE NOT USED FOR POWER, THEN EACH PIN CAN CARRY 3 AMPS. IF THE SURROUNDING PINS ARE USED FOR POWER, THEN EACH PIN CAN CARRY 1 AMP.
- AFTER INSERTION INTO, CIRCUIT BOARD WITH QUALIFIED TOOL.
- 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 WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- FOR LEAD FREE PART NUMBERS, ADD AN 'LF' SUFFIX. EXAMPLE: 10064100-X02001LF.

mat'l code				tolerances unless otherwise specified		CUSTOMER	FCi				
ltr	ecr no.	dr	date	linear	.XX ±.01	COPY	www.fciconnect.com				
C	-	-	-	angles	.XXX ±.005	projection	title SIGNAL HEADER 2 MOD, 8 ROW MINI PRESS-FIT, STD				
				dr	.XXXX ±.0020	 MM	product family	METRAL 1000	code	213	
				enrg	0° ±2°		size	dwg no	10064100	sheet	3
				chr	L.POTTEIGER 12/8/05		A				
				appd	J. VOLSTORF 12/8/05						
sheet index	revision sheet			scale	J. VOLSTORF 12/8/05	2:1					

PRODUCT NUMBER

SEE SHEET 1



RECOMMENDED TRACK AND ANTIPAD DIMENSIONS
SCALE 4:1

mat'l code				tolerances unless otherwise specified		CUSTOMER	FCj www.fciconnect.com			
ltr	ecr no.	dr	date	linear	.XX ±.01	COPY	title			
C	-	-	-		.XXX ±.005	projection	SIGNAL HEADER 2 MOD, 8 ROW MINI PRESS-FIT, STD			
					.XXX ±.0020		product family METRAL 1000 code			
				angles	0° ±2°	MM	size	213		
				dr	L. POTTEIGER 12/8/05	scale 2:1	dwg no	4		
				enr	J. VOLSTORF 12/8/05		A	10064100	sheet	
				chr	J. VOLSTORF 12/8/05					4
				appd	J. VOLSTORF 12/8/05					
sheet index	revision sheet						cage code	22526		

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



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.