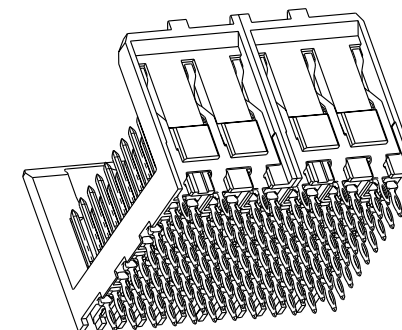
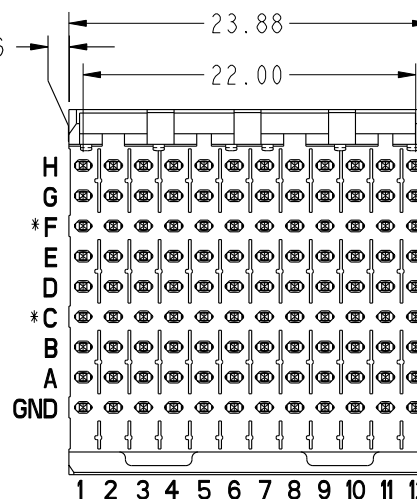
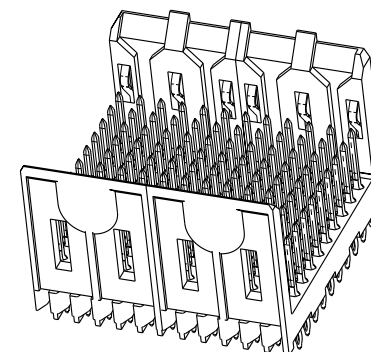
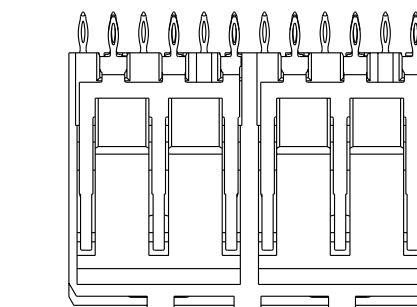
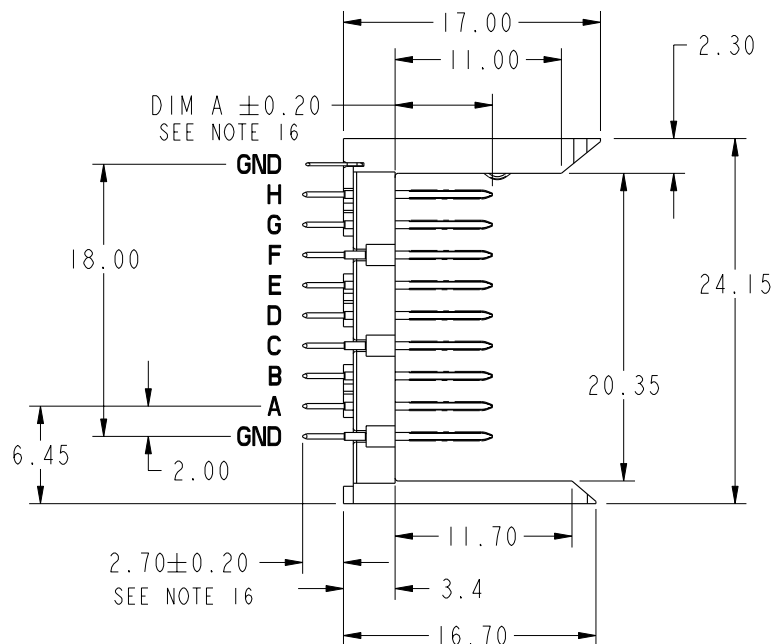




PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	APPLICATION
10064100-502ZZZ	TELCORDIA UE	STANDARD
10064100-502ZZZLF		LEAD FREE
10064100-902ZZZ	TELCORDIA CO	STANDARD
10064100-902ZZZLF		LEAD FREE

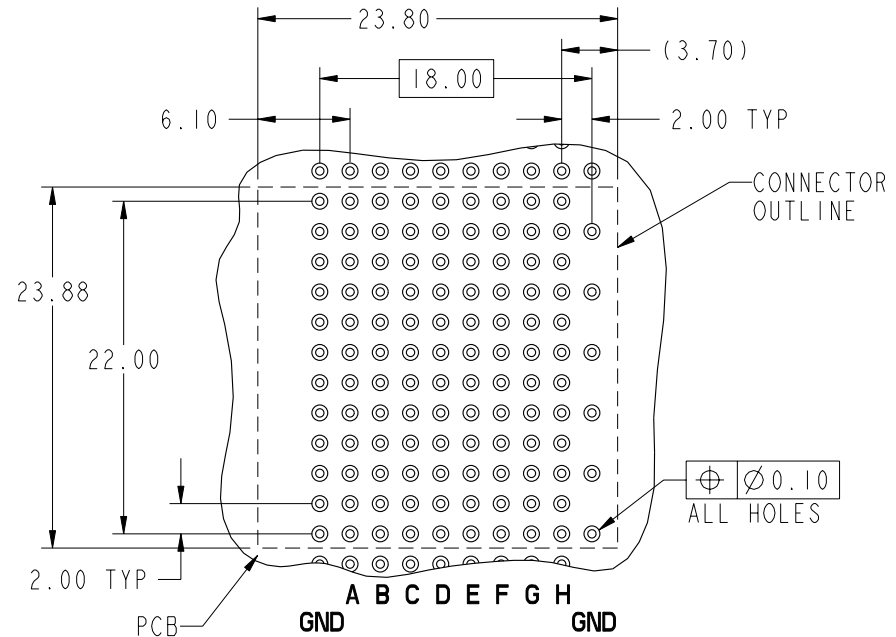


mat'l code				--				tolerances unless otherwise specified				CUSTOMER				FCi www.fciconnect.com									
ltr	ecn no.	dr	date	linear	.XX ±.01				COPY				projection												
A	V05-1105	LP	12/8/05		.XXX ±.005																				
B	V06-0492	DCH	2006-05-23		.XXXX ±.0020																				
C	V07-0185	DCH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



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

cage code 22526

Pro/E

3

4

PDM: Rev:C

STATUS: Released

Printed: Nov 16, 2011



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

* CURRENTLY NOT AVAILABLE

SPECIAL LOAD PRODUCT #	ROW	PIN CODES
10064100-X02001 SEE NOTE 18 LEAD FREE OPTION	H	1
	G	
	F	
	E	
	D	
	C	
	B	
	A	
	GND	1

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 1. 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
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
- 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.

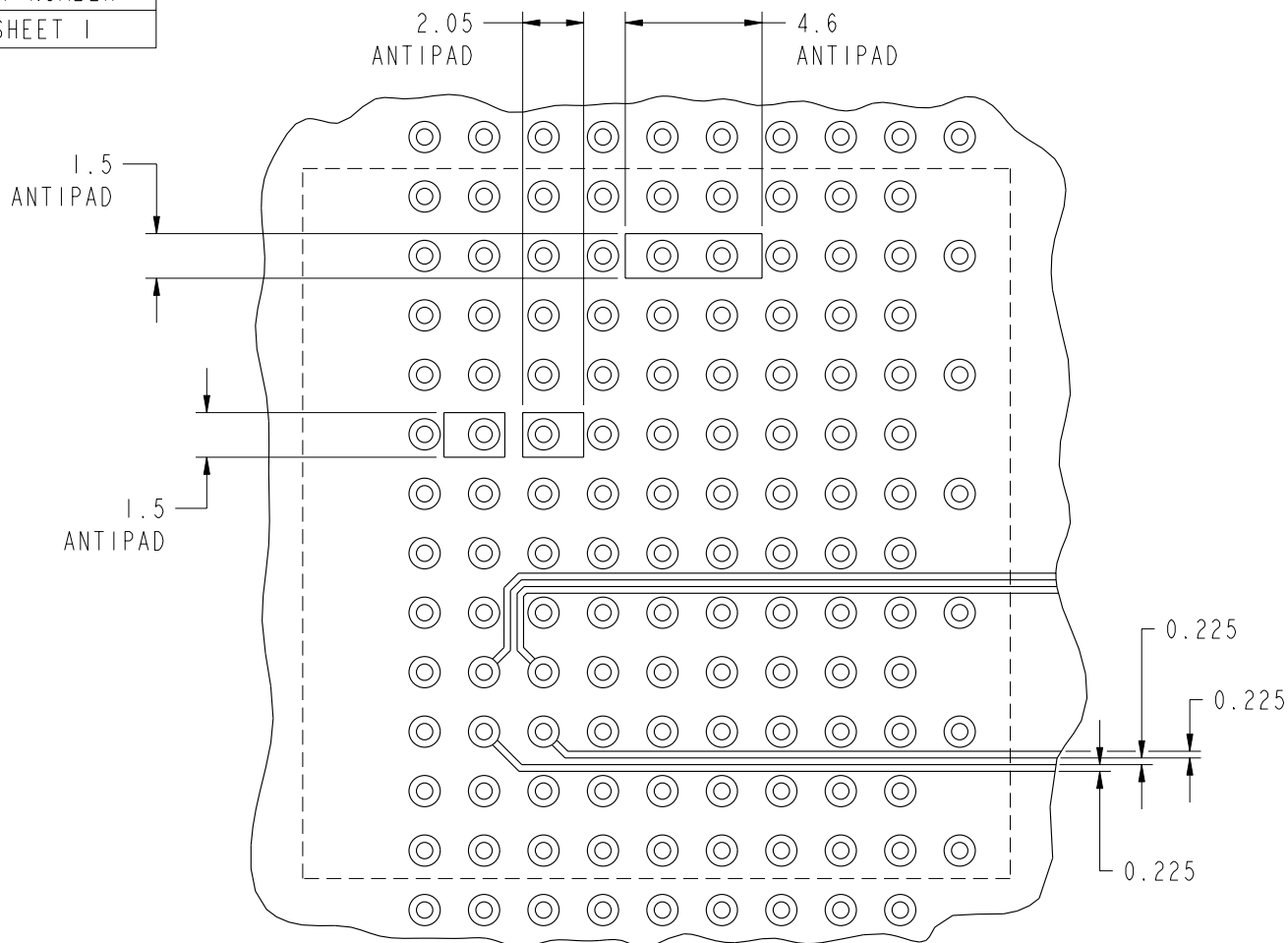
mat'l code				tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com			
ltr	ecr no.	dr	date	linear	.XX ±.01	projection		titleSIGNAL HEADER 2 MOD, 8 ROW MINI PRESS-FIT, STD			
C	-	-	-		.XXX ±.005						
				.XXXX ±.0020							
				angles	0° ±2°						
				dr	L.POTTEIGER	12/8/05		product family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

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PRODUCT NUMBER

SEE SHEET 1



RECOMMENDED TRACK AND ANTIPAD DIMENSIONS
SCALE 4:1

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

cage code 22526

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PDM: Rev:C

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