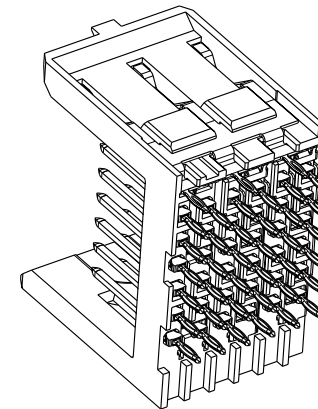
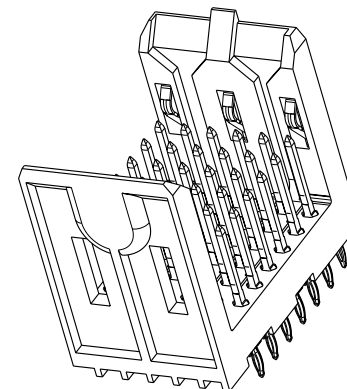
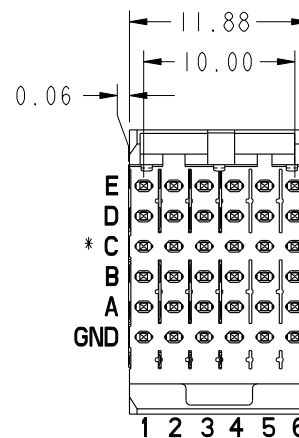
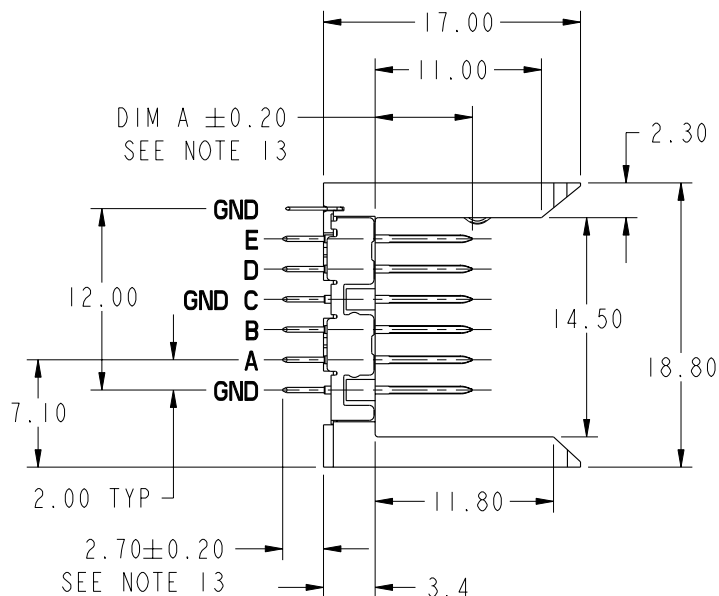




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REV E - 2006-04-18

PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	APPLICATION
59567-1YYY	TELCORDIA CO	STANDARD
59567-1YYYYLF		LEAD FREE
59567-5YYY	TELCORDIA UE	STANDARD
59567-5YYYYLF		LEAD FREE



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

mat'l code SEE TABLE				tolerances unless otherwise specified				CUSTOMER		FCi www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3		projection 	title VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SELECT LOAD EXT.	product family METRAL 4000	code 213	
H	V06-0115	LP	2006/04/21		0.XX ±0.13						
J	V07-0188	DCH	2007-04-24		.XXX ±.051						
K	V07-0696	HTB	2007-11-28	angles	0° ±2°		MM  scale 2:1	size A	dwg no 59567	sheet 1 of 4	
-	-	-	-	dr	E. KROPER.	2001-10-25					
E	V05-0191	DAI	2005-04-15	enr	J. VOLSTORF	2001-10-25					
F	V05-0722	TAB	2005-08-04	chr	J. VOLSTORF	2001-10-25					
G	V06-0335	LP	2006-04-11	appd	J. VOLSTORF	2001-10-25					
sheet index	revision sheet	K	K	K	K						
		1	2	3	4						

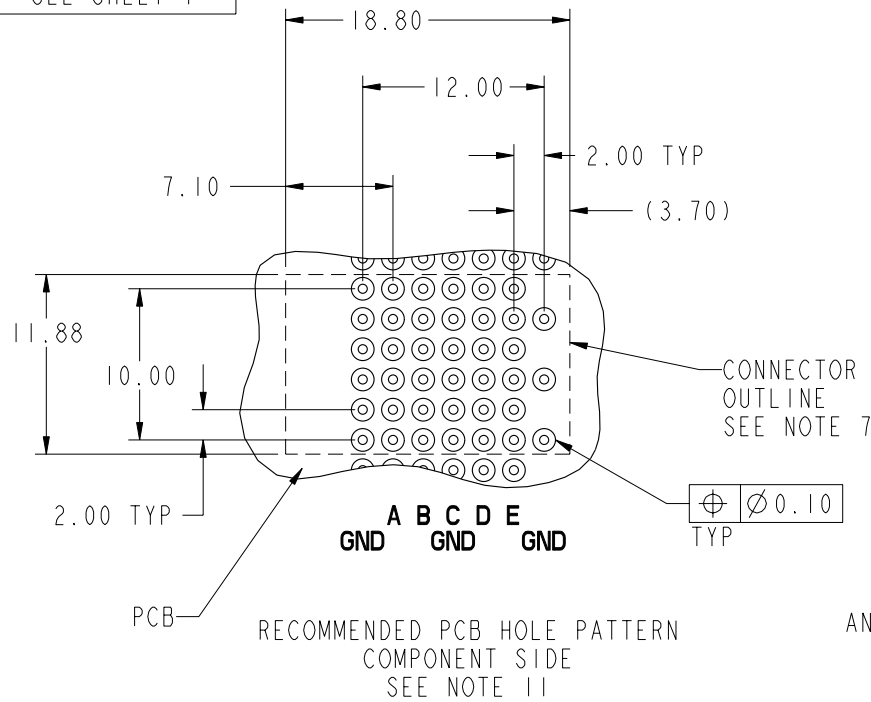
Pro/E

PDM: Rev:K

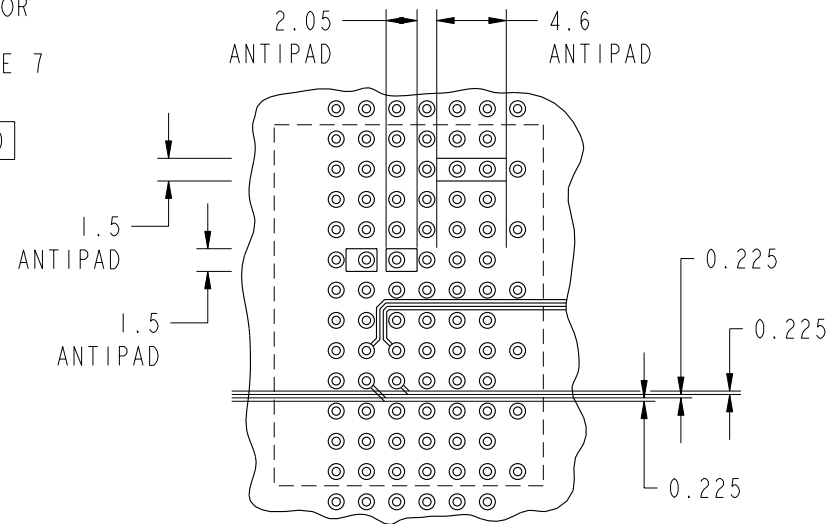
STATUS: Released Printed: May 13, 2011



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 TRACK AND ANTIPAD DIMENSIONS
SCALE 2:1

mat'l code SEE TABLE				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com			
ltr	ecr no.	dr	date	linear	0. X ±0.3	projection	COPY	title VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SELECT LOAD EXT.			
K					0. XX ±0.13						
					.XXX ±.051						
				angles	0° ±2°	MM	scale 2:1	product family METRAL 4000 code size dwg no 59567 sheet 2			
				dr	E. KROPER. 2001-10-25						
				enr	J. VOLSTORF 2001-10-25						
				chr	J. VOLSTORF 2001-10-25	A	A	cage code 22526			
				appd	J. VOLSTORF 2001-10-25						
sheet index	revision sheet										

PRODUCT NUMBER

SEE SHEET 1

NOTES:

1. SEE APPLICATION SPECIFICATION GS-20-014 FOR INFORMATION ON AVAILABLE TOOLING, CIRCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURES AND PRODUCT OFFERINGS.
SEE PRODUCT SPECIFICATION GS-12-184.

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 AREAS MEETS PERFORMANCE LEVELS SHOWN IN TABLE ON SHEET 1. PLATING ON "LF" TAILS IS Sn ONLY.
ALL OTHERS ARE TIN-LEAD.

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

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

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 59567-XYYYLF

LEAD FREE (OPTIONAL)
SELECT LOAD PATTERN
PLATING CODE

11. AVOID TRACES ON TOP OF BOARD DUE TO EXPOSED GROUND SHIELD.

12. FOR FRONT PLUG-UP APPLICATIONS, THE EVEN NUMBERED PINS IN ROW "C" CAN BE USED FOR POWER AS WELL AS 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" ROW PINS CAN ALSO BE USED FOR LOW SPEED SIGNALS.

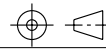
13. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.

14. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY 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.

15. FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 59567-X001LF

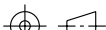
16. EQUIVALENT PRECIOUS METAL PLATINGS MAY BE SUBSTITUTED.

mat'l code SEE TABLE				tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com				
ltr	ecr no.	dr	date	linear	0. X ±0.3		COPY		title VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SELECT LOAD EXT.			
K					0. XX ±0.13		projection					
					. XXX ±.051							
				angles	0° ±2°							
		dr	E. KROPER.	2001-10-25			product family		METRAL 4000		code	
		enrg	J. VOLSTORF	2001-10-25			size		dwg no		213	
		chr	J. VOLSTORF	2001-10-25			scale		A		sheet	
		appd	J. VOLSTORF	2001-10-25			2:1				3	
sheet index		revision sheet										



SELECT LOAD PATTERNS							
PRODUCT #	ROW	COLUMN					
		1	2	3	4	5	6
59567-X002 59567-X002LF SEE NOTE 15	E	02	02	02	02	02	02
	D	02	02	02	02	02	02
	C	02	02	02	02	02	02
	B	02	02	02	02	02	02
	A	02	02	02	02	02	02
	GND	-	02	-	02	-	02
PRODUCT #	ROW	COLUMN					
		1	2	3	4	5	6
59567-X003 59567-X003LF SEE NOTE 15	E	02	02	02	02	02	02
	D	02	02	02	02	02	02
	C	03	03	03	03	03	03
	B	02	02	02	02	02	02
	A	03	03	02	02	02	02
	GND	02	02	02	02	02	02
PRODUCT #	ROW	COLUMN					
		1	2	3	4	5	6
59567-X004 59567-X004LF SEE NOTE 15	E	02	02	02	02	02	02
	D	02	02	02	02	02	02
	C	02	02	02	02	02	02
	B	02	02	02	02	02	02
	A	03	02	02	02	02	02
	GND	02	02	02	02	02	02
PRODUCT #	ROW	COLUMN					
		1	2	3	4	5	6
59567-X005 59567-X005LF SEE NOTE 15	E	02	02	02	02	02	02
	D	02	02	02	02	02	02
	C	03	03	03	03	03	03
	B	02	02	02	02	02	02
	A	03	02	02	02	02	02
	GND	02	02	02	02	02	02

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

mat'l code SEE TABLE				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com					
ltr	ecn no.	dr	date	linear	0. X ±0.3				COPY			title VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SELECT LOAD EXT.			
K					0. XX ±0.13										
					.XXX ±.051										
				angles	0° ±2°										
				dr	E. KROPER.	2001-10-25		product family		METRAL 4000				code	
				enrg	J. VOLSTORF	2001-10-25		size		dwg no				213	
				chr	J. VOLSTORF	2001-10-25		scale							
				appd	J. VOLSTORF	2001-10-25		2:1		A	59567	sheet	4		
sheet index	revision sheet														

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