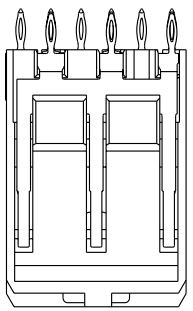
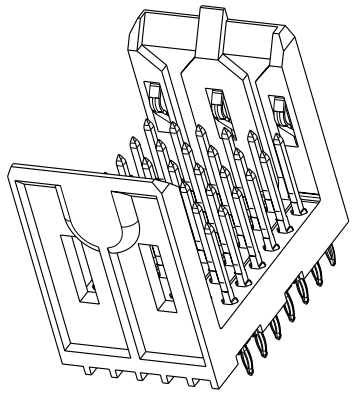
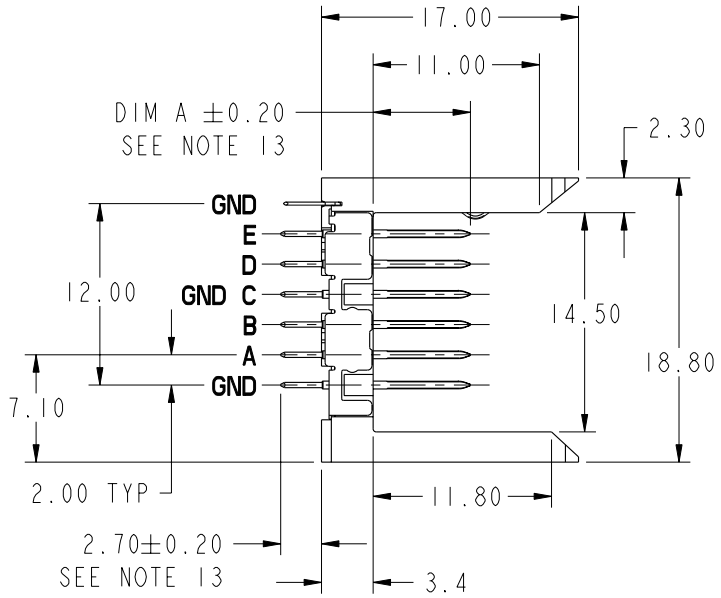
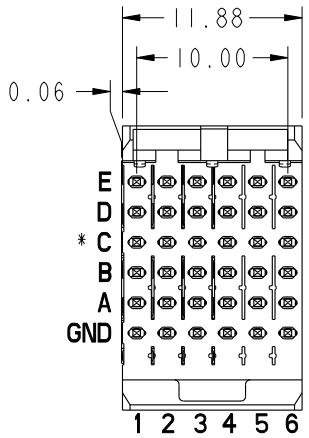
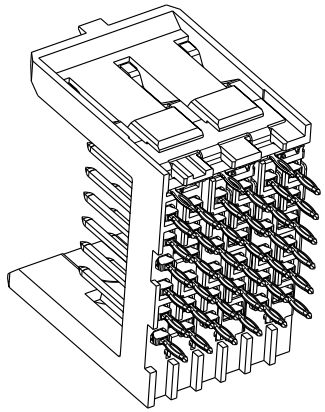
PRODUCT NUMBER	PLATING PERFORMANCE LEVEL	APPLICATION
59567-1YYY	TELCORDIA CO	STANDARD
59567-1YYYLF		LEAD FREE
59567-5YYY	TELCORDIA UE	STANDARD
59567-5YYYLF		LEAD FREE











*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

ltr	ecn no.	dr	date
H	V06-0115	LP	2006/04/21
J	V07-0188	DCH	2007-04-24
K	V07-0696	HTB	2007-11-28
-	-	-	-
E	V05-0191	DAI	2005-04-15
F	V05-0722	TAB	2005-08-04
G	V06-0335	LP	2006-04-11

sheet index	revision												
	sheet	1	2	3	4								

mat'l code: SEE TABLE

tolerances unless otherwise specified: 0.X ±0.3; 0.XX ±0.13; .XXX ±.051; angles 0° ±2°

dr	E. KROPER.	2001-10-25
engr	J. VOLSTORF	2001-10-25
chr	J. VOLSTORF	2001-10-25
appd	J. VOLSTORF	2001-10-25

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projection

MM

scale 2:1

FCI www.fciconnect.com

title: VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SELECT LOAD EXT.

product family: METRAL 4000

code: 213

size: A

dwg no: 59567

sheet: 1 of 4

cage code: 22526

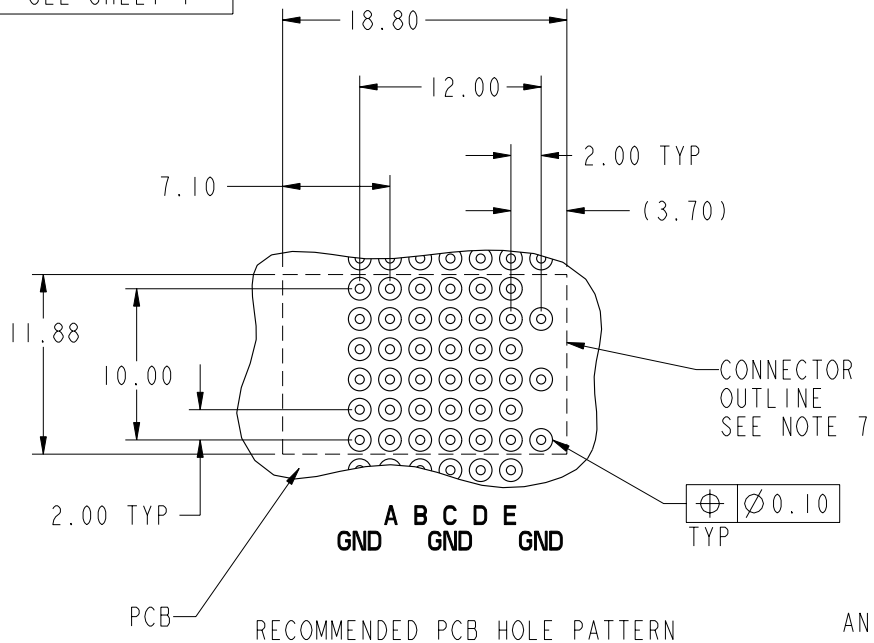
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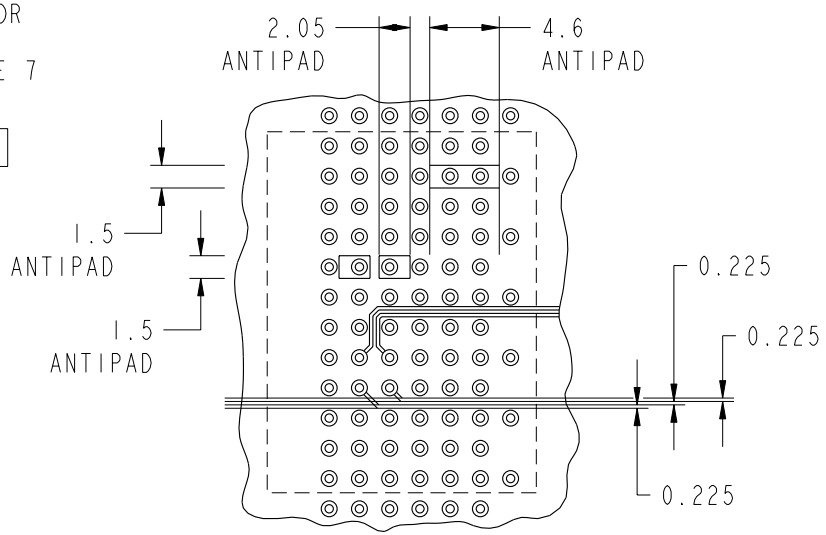
PDM: Rev:K STATUS: Released Printed: May 13, 2011

PRODUCT NUMBER
SEE SHEET 1



RECOMMENDED PCB HOLE PATTERN
COMPONENT SIDE
SEE NOTE 11

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	ecn no.	dr	date	linear	0.X ±0.3		COPY	
K					0.XX ±0.13		projection	title VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SELECT LOAD EXT.
					.XXX ±.051			
				angles	0° ±2°			
				dr	E. KROPER.	2001-10-25	MM	product family METRAL 4000 code 213
				engr	J. VOLSTORF	2001-10-25		
				chr	J. VOLSTORF	2001-10-25	scale 2:1	size A dwg no 59567 sheet 2
				appd	J. VOLSTORF	2001-10-25		
sheet index	revision sheet							cage code 22526

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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	ecn no.	dr	date				COPY	
K				linear	0.X ±0.3		projection	title: VERTICAL SIGNAL HDR 5 ROW P.F. 30 POS. SELECT LOAD EXT.
					0.XX ±0.13			
					.XXX ±.051			
				angles	0° ±2°			
				dr	E. KROPER.	2001-10-25	MM	product family: METRAL 4000 / code: 213
				engr	J. VOLSTORF	2001-10-25		
				chr	J. VOLSTORF	2001-10-25	scale: 2:1	size: A / dwg no: 59567 / sheet: 3
				appd	J. VOLSTORF	2001-10-25		
sheet index	revision sheet							cage code: 22526

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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

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mat'l code SEE TABLE				tolerances unless otherwise specified			CUSTOMER COPY	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.
K					0.XX ±0.13			
					.XXX ±.051			
				angles	0° ±2°			
				dr	E. KROPER.	2001-10-25	MM	product family METRAL 4000 code 213
				engr	J. VOLSTORF	2001-10-25		
				chr	J. VOLSTORF	2001-10-25	scale 2:1	size A dwg no 59567 sheet 4
				appd	J. VOLSTORF	2001-10-25		
sheet index	revision sheet							cage code 22526

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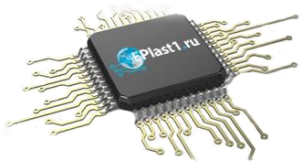
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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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