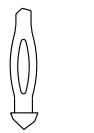
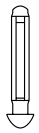
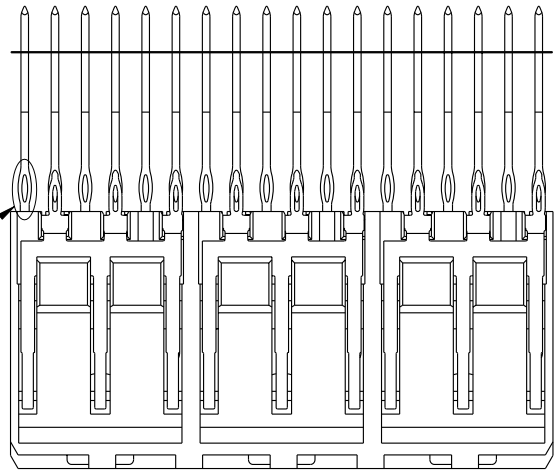
| PRODUCT NUMBER | PLATING PERFORMANCE LEVEL | APPLICATION | FOR REAR PLUG-UP APPLICATIONS USE SHROUD |
|---|---|---|---|
| 60066-1ZZZ | TELCORDIA CO | STANDARD | 84818-104 |
| 60066-1ZZZLF | | LEAD FREE | 84818-104LF |
| 60066-5ZZZ | TELCORDIA UE | STANDARD | 84818-504 |
| 60066-5ZZZLF | | LEAD FREE | 84818-504LF |
| 60066-9ZZZ | TELCORDIA CO | STANDARD | 84818-904 |
| 60066-9ZZZLF | | LEAD FREE | 84818-904LF |

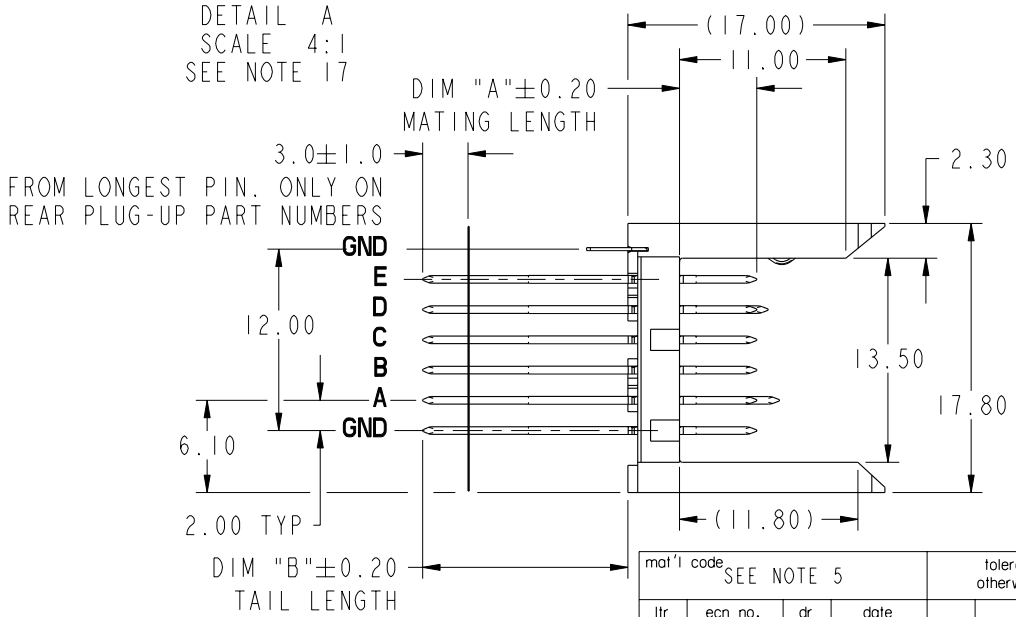


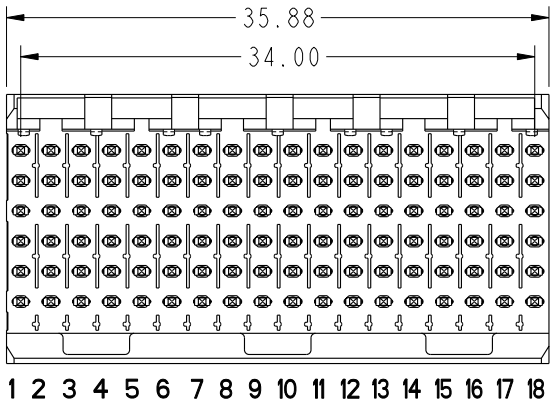
EYE OF NEEDLE
PRESS FIT SECTION



BABY-H
PRESS FIT SECTION




| mat'l code | SEE NOTE 5 | | | tolerances unless otherwise specified | | |
|---|---|---|---|---|---|---|
| ltr | ecn no. | dr | date | | | |
| K | V06-0498 | DCH | 2006-05-30 | linear | 0.X ±0.3 | |
| L | V06-0706 | LP | 2006-07-27 | | 0.XX ±0.13 | |
| M | V07-0502 | DCH | 2007-07-31 | | .XXX ±.051 | |
| N | V07-0733 | HTB | 2007-12-21 | angles | 0° ±2° | |
| P | V08-0049 | LP | 2008-2-4 | dr | K. BELL | 2000-03-15 |
| - | - | - | - | engr | M. HAHN | 2000-03-15 |
| J | V05-0806 | VS | 2005-09-09 | chr | M. HAHN | 2000-03-15 |
| | | | | appd | M. HAHN | 2000-03-15 |

| sheet index | revision sheet | | | | | | |
|---|---|---|---|---|---|---|---|
| | | P 1 | P 2 | P 3 | P 4 | P 5 | P 6 |

CUSTOMER COPY

projection

MM

scale 1:1

www.fciconnect.com

title: VERTICAL SIGNAL HDR 5 ROW P.F. 90 POS. SELECT LOAD STD.

product family: METRAL 1000 | code: 213

size: A | dwg no: 60066 | sheet: 1 of 6

cage code: 22526

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REV E - 2006-04-18

Pro/E

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

| PIN NO. | DIM A MATING LENGTH | DIM B TAIL LENGTH | PCB THICKNESS RANGE ACCOMMODATED BY PIN'S TAIL LENGTH ** | | | | |
|---|---|---|---|---|---|---|---|
| | | | WHEN MATING TO A 73981 OR 84688 SERIES RECEPTACLE | | WHEN MATING TO A 52057 SERIES METRAL 4000 RECEPTACLE | | |
| | | | ROWS A,B,C,D,E | GROUND ROW | ROWS:A,B,D,E | ROW C | GROUND ROW |
| 01* | 5.00 | 4.30 | 1.60 MIN | 1.60 MIN | 1.60 MIN | 1.60 MIN | 1.60 MIN |
| 22 | | 12.20 | 2.95 - 3.80 | 2.95 - 4.20 | 2.95 - 3.80 | 2.95 - 3.80 | 2.95 - 4.20 |
| 30 | | 12.95 | 2.95 - 4.55 | 3.25 - 4.95 | 2.95 - 4.55 | 2.95 - 4.55 | 3.25 - 4.95 |
| 05 | | 13.70 | 2.95 - 5.30 | 4.00 - 5.70 | 3.30 - 5.30 | 2.95 - 5.30 | 4.00 - 5.70 |
| 35 | | 14.45 | 3.05 - 6.05 | 4.75 - 6.45 | 4.05 - 6.05 | 3.05 - 6.05 | 4.75 - 6.45 |
| 48 | | 15.20 | 3.80 - 6.80 | 5.50 - 7.20 | 4.80 - 6.80 | 3.80 - 6.80 | 5.50 - 7.20 |
| 40 | | 15.70 | 4.30 - 7.30 | 6.00 - 7.70 | 5.30 - 7.30 | 4.30 - 7.30 | 6.00 - 7.70 |
| 65 | | 16.40 | 5.00 - 8.00 | 6.70 - 8.40 | 6.00 - 8.00 | 5.00 - 8.00 | 6.70 - 8.40 |
| 09 | | 17.10 | 5.70 - 8.70 | 7.40 - 9.10 | 6.70 - 8.70 | 5.70 - 8.70 | 7.40 - 9.10 |
| 02* | 5.75 | 4.30 | 1.60 MIN | 1.60 MIN | 1.60 MIN | 1.60 MIN | 1.60 MIN |
| 44 | | 12.20 | 2.95 - 3.80 | 2.95 - 4.20 | 2.95 - 3.80 | 2.95 - 3.80 | 2.95 - 4.20 |
| 31 | | 12.95 | 2.95 - 4.55 | 3.25 - 4.95 | 2.95 - 4.55 | 2.95 - 4.55 | 3.25 - 4.95 |
| 06 | | 13.70 | 2.95 - 5.30 | 4.00 - 5.70 | 3.30 - 5.30 | 2.95 - 5.30 | 4.00 - 5.70 |
| 36 | | 14.45 | 3.05 - 6.05 | 4.75 - 6.45 | 4.05 - 6.05 | 3.05 - 6.05 | 4.75 - 6.45 |
| 49 | | 15.20 | 3.80 - 6.80 | 5.50 - 7.20 | 4.80 - 6.80 | 3.80 - 6.80 | 5.50 - 7.20 |
| 25 | | 15.70 | 4.30 - 7.30 | 6.00 - 7.70 | 5.30 - 7.30 | 4.30 - 7.30 | 6.00 - 7.70 |
| 66 | | 16.40 | 5.00 - 8.00 | 6.70 - 8.40 | 6.00 - 8.00 | 5.00 - 8.00 | 6.70 - 8.40 |
| 10 | | 17.10 | 5.70 - 8.70 | 7.40 - 9.10 | 6.70 - 8.70 | 5.70 - 8.70 | 7.40 - 9.10 |
| 03* | 6.50 | 4.30 | 1.60 MIN | 1.60 MIN | 1.60 MIN | 1.60 MIN | 1.60 MIN |
| 45 | | 12.20 | 2.95 - 3.80 | 2.95 - 4.20 | 2.95 - 3.80 | 2.95 - 3.80 | 2.95 - 4.20 |
| 32 | | 12.95 | 2.95 - 4.55 | 3.25 - 4.95 | 2.95 - 4.55 | 2.95 - 4.55 | 3.25 - 4.95 |
| 07 | | 13.70 | 2.95 - 5.30 | 4.00 - 5.70 | 3.30 - 5.30 | 2.95 - 5.30 | 4.00 - 5.70 |
| 37 | | 14.45 | 3.05 - 6.05 | 4.75 - 6.45 | 4.05 - 6.05 | 3.05 - 6.05 | 4.75 - 6.45 |
| 50 | | 15.20 | 3.80 - 6.80 | 5.50 - 7.20 | 4.80 - 6.80 | 3.80 - 6.80 | 5.50 - 7.20 |
| 41 | | 15.70 | 4.30 - 7.30 | 6.00 - 7.70 | 5.30 - 7.30 | 4.30 - 7.30 | 6.00 - 7.70 |
| 24 | | 16.40 | 5.00 - 8.00 | 6.70 - 8.40 | 6.00 - 8.00 | 5.00 - 8.00 | 6.70 - 8.40 |
| 11 | | 17.10 | 5.70 - 8.70 | 7.40 - 9.10 | 6.70 - 8.70 | 5.70 - 8.70 | 7.40 - 9.10 |

* STUB PINS - NO REAR PLUG-UP
** THE GREATEST RANGE OCCURS WHEN THE B DIMENSION OF PIN 'GND' IS ONE SIZE SHORTER THEN THE OTHER PINS.

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| | | | |
|---|---|---|---|
| mat'l code | SEE NOTE 5 | tolerances unless otherwise specified | CUSTOMER COPY |
| ltr / ecn no. / dr / date | P | linear 0.X ±0.3 / 0.XX ±0.13 / .XXX ±.051 | projection |
| | | angles 0° ±2° | MM |
| | | dr K. BELL 2000-03-15 | product family METRAL 1000 |
| | | engr M. HAHN 2000-03-15 | size A |
| | | chr M. HAHN 2000-03-15 | dwg no 60066 |
| | | appd M. HAHN 2000-03-15 | scale 1:1 |
| sheet index / revision sheet | | | sheet 2 |

www.fciconnect.com

title: VERTICAL SIGNAL HDR 5 ROW P.F. 90 POS. SELECT LOAD STD.

code 213

cage code 22526

REV E - 2006-04-18

Pro/E

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

| PIN NO. | DIM A MATING LENGTH | DIM B TAIL LENGTH | PCB THICKNESS RANGE ACCOMMODATED BY PIN LENGTH ** | | | | |
|---|---|---|---|---|---|---|---|
| | | | WHEN MATING TO A 73981 OR 84688 SERIES RECEPTACLE | | WHEN MATING TO A 52057 SERIES METRAL 4000 RECEPTACLE | | |
| | | | ROWS A,B,C,D,E | GROUND ROW | ROWS:A,B,D,E | ROW C | GROUND ROW |
| 04* | 7.25 | 4.30 | 1.60 MIN | 1.60 MIN | 1.60 MIN | 1.60 MIN | 1.60 MIN |
| 46 | | 12.20 | 2.95 - 3.80 | 2.95 - 4.20 | 2.95 - 3.80 | 2.95 - 3.80 | 2.95 - 4.20 |
| 33 | | 12.95 | 2.95 - 4.55 | 3.25 - 4.95 | 2.95 - 4.55 | 2.95 - 4.55 | 3.25 - 4.95 |
| 08 | | 13.70 | 2.95 - 5.30 | 4.00 - 5.70 | 3.30 - 5.30 | 2.95 - 5.30 | 4.00 - 5.70 |
| 38 | | 14.45 | 3.05 - 6.05 | 4.75 - 6.45 | 4.05 - 6.05 | 3.05 - 6.05 | 4.75 - 6.45 |
| 51 | | 15.20 | 3.80 - 6.80 | 5.50 - 7.20 | 4.80 - 6.80 | 3.80 - 6.80 | 5.50 - 7.20 |
| 42 | | 15.70 | 4.30 - 7.30 | 6.00 - 7.70 | 5.30 - 7.30 | 4.30 - 7.30 | 6.00 - 7.70 |
| 67 | | 16.40 | 5.00 - 8.00 | 6.70 - 8.40 | 6.00 - 8.00 | 5.00 - 8.00 | 6.70 - 8.40 |
| 12 | | 17.10 | 5.70 - 8.70 | 7.40 - 9.10 | 6.70 - 8.70 | 5.70 - 8.70 | 7.40 - 9.10 |
| 19* | 8.00 | 4.30 | 1.60 MIN | 1.60 MIN | 1.60 MIN | 1.60 MIN | 1.60 MIN |
| 47 | | 12.20 | 2.95 - 3.80 | 2.95 - 4.20 | 2.95 - 3.80 | 2.95 - 3.80 | 2.95 - 4.20 |
| 34 | | 12.95 | 2.95 - 4.55 | 3.25 - 4.95 | 2.95 - 4.55 | 2.95 - 4.55 | 3.25 - 4.95 |
| 20 | | 13.70 | 2.95 - 5.30 | 4.00 - 5.70 | 3.30 - 5.30 | 2.95 - 5.30 | 4.00 - 5.70 |
| 39 | | 14.45 | 3.05 - 6.05 | 4.75 - 6.45 | 4.05 - 6.05 | 3.05 - 6.05 | 4.75 - 6.45 |
| 52 | | 15.20 | 3.80 - 6.80 | 5.50 - 7.20 | 4.80 - 6.80 | 3.80 - 6.80 | 5.50 - 7.20 |
| 43 | | 15.70 | 4.30 - 7.30 | 6.00 - 7.70 | 5.30 - 7.30 | 4.30 - 7.30 | 6.00 - 7.70 |
| 68 | | 16.40 | 5.00 - 8.00 | 6.70 - 8.40 | 6.00 - 8.00 | 5.00 - 8.00 | 6.70 - 8.40 |
| 21 | | 17.10 | 5.70 - 8.70 | 7.40 - 9.10 | 6.70 - 8.70 | 5.70 - 8.70 | 7.40 - 9.10 |

* STUB PINS - NO REAR PLUG-UP

** THE GREATEST RANGE OCCURS WHEN THE B DIMENSION OF PIN 'GND' IS ONE SIZE SHORTER THEN THE OTHER PINS.

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| ltr | ecn no. | dr | date |
|---|---|---|---|
| P | | | |

| | | | |
|---|---|---|---|
| mat'l code | SEE NOTE 5 | | |
| tolerances unless otherwise specified | linear | 0.X ±0.3 | |
| | | 0.XX ±0.13 | |
| | | .XXX ±.051 | |
| | angles | 0° ±2° | |
| | dr | K. BELL | 2000-03-15 |
| | engr | M. HAHN | 2000-03-15 |
| | chr | M. HAHN | 2000-03-15 |
| | appd | M. HAHN | 2000-03-15 |
| CUSTOMER | COPY | | |
| projection | | | |
| MM | | | |
| scale | 1:1 | | |
| www.fciconnect.com | | | |
| title | VERTICAL SIGNAL HDR 5 ROW P.F. 90 POS. SELECT LOAD STD. | | |
| product family | METRAL 1000 | code | 213 |
| size | A | dwg no | 60066 |
| sheet | 3 | | |
| cage code | 22526 | | |

| sheet index | revision sheet |
|---|---|

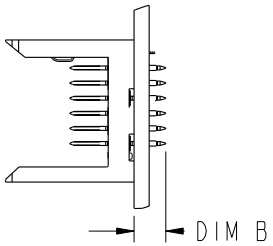
REV E - 2006-04-18

Pro/E

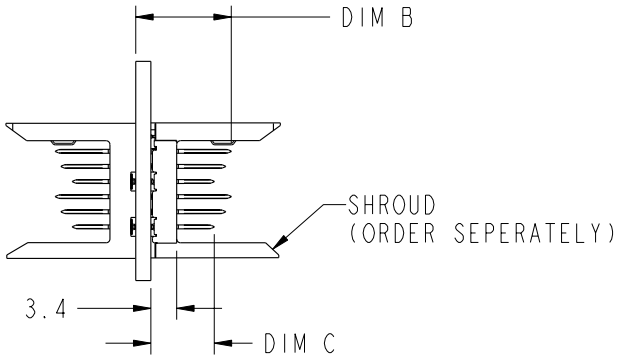
PDM: Rev:P STATUS: Released Printed: May 13, 2011

| PRODUCT NUMBER |
| --- |
| SEE SHEET 1 |

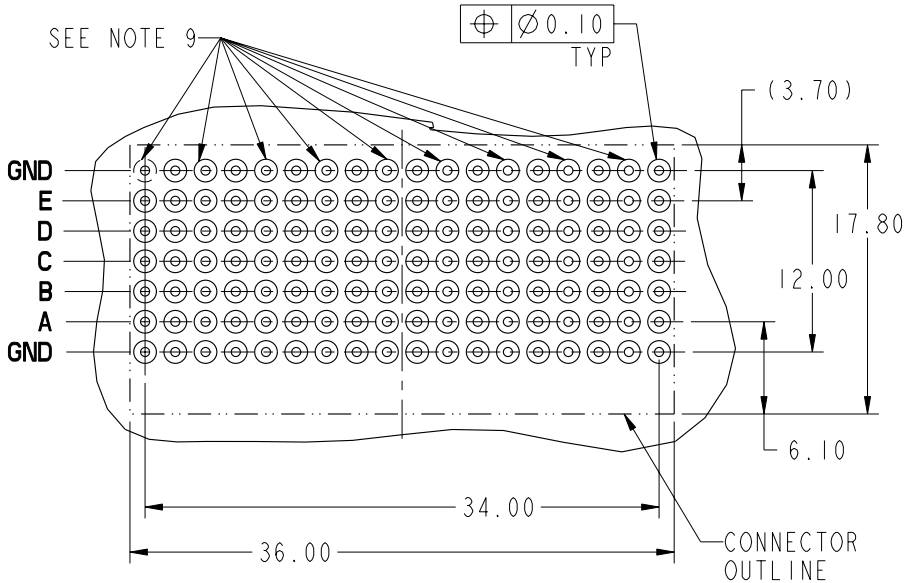
| PRESS-FIT HOLES | OPTION 1 |
| --- | --- |
| HOLE DIAMETER AFTER PLATING | 0.65-0.80 |
| DRILLED HOLE | 0.81-0.86 (0.85 DRILL) |
| COPPER PLATING | 0.025 MIN |
| SnPb PLATING | 0.005-0.015 |




STUB MOUNT




REAR PLUG-UP




**RECOMMENDED PCB HOLE PATTERN (COMPONENT SIDE)**

SEE PRINT 58351 FOR ADDITIONAL PCB INFORMATION

| mat'l code SEE NOTE 5 | | | | tolerances unless otherwise specified | | | CUSTOMER | FCI www.fciconnect.com |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ltr | ecn no. | dr | date | linear | 0.X ±0.3 | | COPY | |
| P | | | | | 0.XX ±0.13 | | projection | title VERTICAL SIGNAL HDR 5 ROW P.F. 90 POS. SELECT LOAD STD. |
| | | | | | .XXX ±.051 | | | |
| | | | | angles | 0° ±2° | | | |
| | | | | dr | K. BELL | 2000-03-15 | MM | product family METRAL 1000 code 213 |
| | | | | engr | M. HAHN | 2000-03-15 | | size A dwg no 60066 sheet 4 |
| | | | | chr | M. HAHN | 2000-03-15 | scale 1:1 | |
| | | | | appd | M. HAHN | 2000-03-15 | | |
| sheet index | revision sheet | | | | | | | cage code 22526 |

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REV E - 2006-04-18

| PRODUCT NUMBER |
| --- |
| SEE SHEET 1 |

NOTES:

1. SEE APPLICATION SPECIFICATION GS-20-010 FOR INFORMATION ON AVAILABLE TOOLING, CURCUIT BOARD DESIGN CONSIDERATIONS, REPAIR PROCEDURES AND PRODUCT OFFERINGS.

2. SEE FCI PUBLICATION 95051I-028 FOR "ELECTRICAL PERFORMANCE DATA FOR DIFFERENTIAL APPLICATIONS."

3. SEE FCI PUBLICATION 95051I-029 FOR "ELECTRICAL PERFORMANCE DATA FOR SINGLE-ENDED APPLICATION."

4. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5, 1994

(5.) HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, 30% GLASS FILLED, FLAME RETARDANT PER UL 94-V0.
PIN MATERIAL: PHOSPHER BRONZE
GROUND SPRING MATERIAL: PHOSPHER BRONZE

6. PLATING INFORMATION: PLATING ON CONTACT AREA MEETS THE PERFORMANCE LEVELS SHOWN IN TABLE ON SHEET 1. PLATING OF "LF" TAILS IS Sn, PLATING ON ALL OTHER TAILS IS SnPb.

7. DIMENSIONAL RESTRICTIONS OF PINS IN HEADERS.
FOR MATING WITH METRAL 1000 RECEPTACLES
DIM A : 5.00mm MIN, 8.00mm MAX FOR ROWS A-E
DIM A : 5.00mm MIN, 5.75mm MAX FOR ROW GND NEXT TO ROW A
DIM C : 5.00mm MIN, 8.00mm MAX FOR ROWS A-E
DIM C : 4.60mm MIN, 6.30mm MAX FOR ROW GND NEXT TO ROW A
FOR MATING 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 ROW C
DIM A : 5.00mm MIN, 5.75mm MAX FOR ROW GND NEXT TO ROW A
DIM C : 5.00mm MIN, 7.00mm MAX FOR ROWS A, B, D NO
DIM C : 5.00mm MIN, 8.00mm MAX FOR ROW C
DIM C : 4.60mm MIN, 6.30mm MAX FOR ROW GND NEXT TO ROW A

8. THE MIN PCB THICKNESS FOR REAR PLUG-UP APPLICATIONS IS 2.9mm. SINCE THE COMPLIANT SECTIONS OF THE GROUND SPRING OF THE HEADER DIRECTLY OPPOSE THE GROUND SPRING OF THE SHROUD. THE MIN PCB THICKNESS FOR FRONT PLUG-UP ONLY APPLICATIONS IS 1.6mm.

(9.) THESE HOLES ARE NEEDED FOR REAR PLUG-UP DESIGNS USING A SHROUD AND MAY BE OMITTED FOR FRONT PLUG-UP ONLY DESIGNS.

(10.) 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.

11. CURRENT RATING: 1 AMP PER PIN

12. TEMPERATURE RANGE: -55°C TO +105°C

13. P/N 60066-XZZZLF
- LEAD FREE (OPTIONAL)
- SELECT LOAD PATTERN
- PLATING CODE

(14.) PIN CODE 55 CANNOT BE USED WITH METRAL 1000 SHROUDS. PIN CODE 55 HAS A DIM A=5.75mm, DIM B=11.55mm.

15. PART NUMBERS ENDING IN LF MEET 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.

(16) FOR LEAD FREE PART NUMBERS ADD 'LF' SUFFIX.
EXAMPLE: 60066-XYYYLF

(17) PIN TYPE IS AT THE MANUFACTURERS OPTION AND CAN BE EITHER BABY-H OR EYE OF THE NEEDLE STYLE

| mat'l code SEE NOTE 5 | | | | tolerances unless otherwise specified | | | CUSTOMER | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ltr | ecn no. | dr | date | | | | COPY | www.fciconnect.com |
| P | | | | linear | 0.X ±0.3 | | projection | title VERTICAL SIGNAL HDR 5 ROW P.F. 90 POS. SELECT LOAD STD. |
| | | | | | 0.XX ±0.13 | | | |
| | | | | | .XXX ±.051 | | | |
| | | | | angles | 0° ±2° | | | |
| | | | | dr | K. BELL | 2000-03-15 | MM | product family METRAL 1000 code 213 |
| | | | | engr | M. HAHN | 2000-03-15 | | size A dwg no 60066 sheet 5 |
| | | | | chr | M. HAHN | 2000-03-15 | scale 1:1 | |
| | | | | appd | M. HAHN | 2000-03-15 | | |
| sheet index | revision sheet | | | | | | | |

cage code 22526

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# SELECT LOAD PATTERNS

| PRODUCT # | ROW | COLUMN | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 60066-X001 SEE NOTE 16 LEAD FREE OPTION | E | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 |
| | D | 01 | 01 | 01 | 01 | 01 | 02 | 01 | 01 | 01 | 01 | 01 | 02 | 01 | 01 | 01 | 01 | 01 | 02 |
| | C | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 |
| | B | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 |
| | A | 01 | 01 | 03 | 01 | 01 | 03 | 01 | 01 | 03 | 01 | 01 | 03 | 01 | 01 | 03 | 01 | 01 | 03 |
| | GND | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 |

| PRODUCT # | ROW | COLUMN | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 60066-X002 SEE NOTE 14 *RPU SEE NOTE 16 LEAD FREE OPTION | E | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 55 | 55 | 55 |
| | D | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 55 | 55 | 55 |
| | C | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 55 | 55 | 55 |
| | B | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 55 | 55 | 55 |
| | A | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 55 | 55 | 55 |
| | GND | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 | 55 | 55 | 55 | 55 | 55 |

| PRODUCT # | ROW | COLUMN | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 60066-X003 SEE NOTE 14 *RPU SEE NOTE 16 LEAD FREE OPTION | E | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 |
| | D | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 |
| | C | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 |
| | B | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 |
| | A | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 |
| | GND | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 02 | 02 | 02 | 02 | 55 |

* REAR PLUG-UP PART NUMBERS

# SELECT LOAD PATTERNS

| PRODUCT # | ROW | COLUMN | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 60066-X004 SEE NOTE 16 LEAD FREE OPTION | E | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 |
| | D | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 |
| | C | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 |
| | B | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 |
| | A | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 | 02 |
| | GND | - | 02 | 02 | 02 | 02 | - | - | 02 | 02 | 02 | 02 | - | - | 02 | 02 | 02 | 02 | - |

PCB THICKNESS RANGE FOR REAR PLUG UP APPLICATIONS: 1.6mm MIN.

PCB THICKNESS RANGE FOR REAR PLUG UP APPLICATIONS: 1.6mm MIN.

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| mat'l code SEE NOTE 5 | | | | tolerances unless otherwise specified | | | CUSTOMER COPY |
| ltr | ecn no. | dr | date | | | | |
| P | | | | linear | 0.X ±0.3 | | projection |
| | | | | | 0.XX ±0.13 | | |
| | | | | | .XXX ±.051 | | |
| | | | | angles | 0° ±2° | | MM |
| | | | | dr | K. BELL | 2000-03-15 | |
| | | | | engr | M. HAHN | 2000-03-15 | |
| | | | | chr | M. HAHN | 2000-03-15 | scale 1:1 |
| | | | | appd | M. HAHN | 2000-03-15 | |
| sheet index | revision sheet | | | | | | |

FCI www.fciconnect.com

title VERTICAL SIGNAL HDR 5 ROW P.F. 90 POS. SELECT LOAD STD.

product family METRAL 1000 | code 213

size A | dwg no 60066 | sheet 6

cage code 22526

REV E - 2006-04-18

Pro/E

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

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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