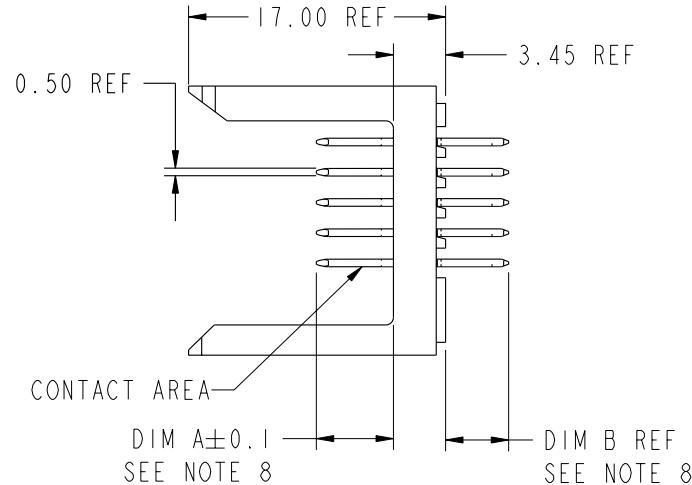
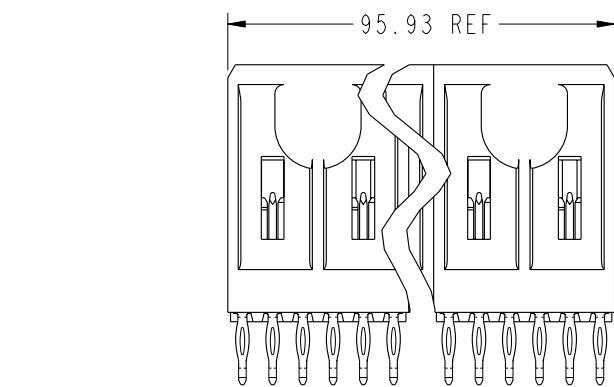
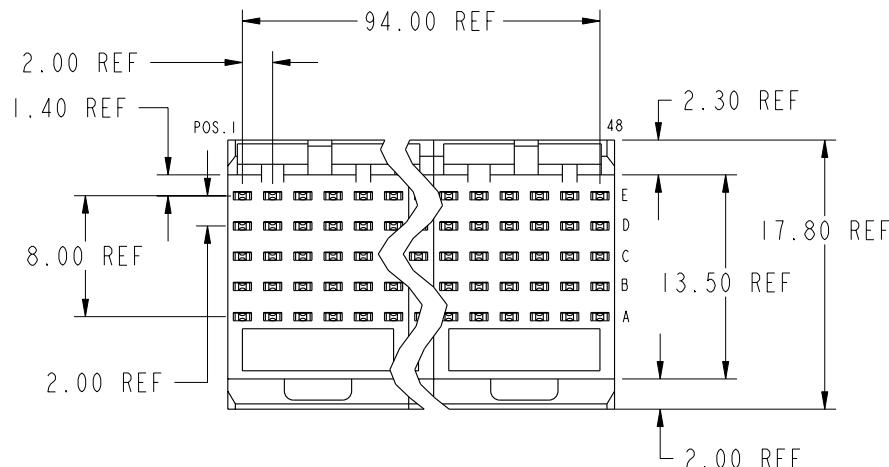


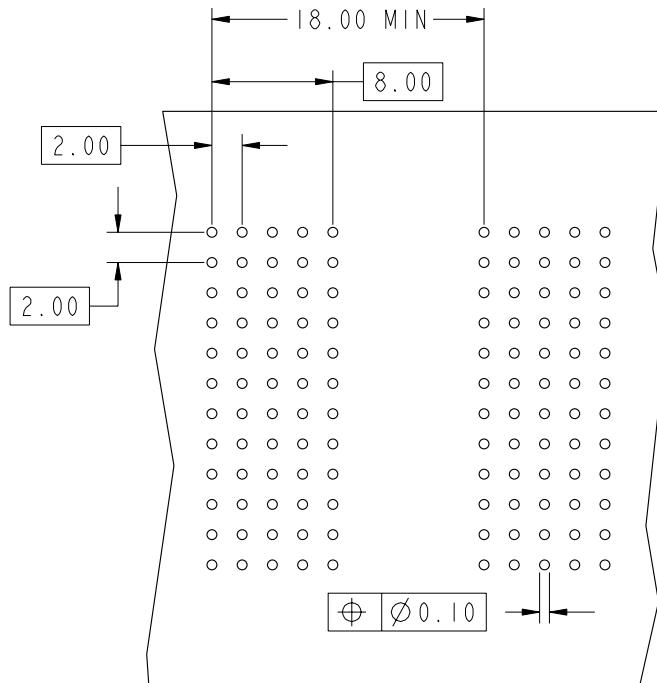
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| |
|----------------|
| PRODUCT NUMBER |
| 85834-XXX |
| 85834-XXYLF |



| mat'l code | | | | tolerances unless otherwise specified | | | | CUSTOMER COPY | title | product family | code |
|------------|----------|-----|------------|---------------------------------------|--------------|------------|----------|------------------|------------------------|----------------|------|
| ltr | ecn no. | dr | date | | | | | | | | |
| R | V06-0569 | DCH | 2006-06-12 | linear | 0. X ± 0.3 | | | projection | METRAL SIGNAL HEADER | METRAL | 213 |
| - | - | - | - | | 0. XX ± 0.13 | | | | 8 MOD, 5 ROW PRESS-FIT | | |
| K | V03-0030 | TAB | 02/08/03 | angles | .XXX ± .051 | | | | | | |
| L | V03-1320 | TAB | 12/16/03 | dr | 0° ± 2° | | | MM | | | |
| M | V04-0353 | DAI | 05/04/03 | engr | | T.BRUNGARD | 11/19/99 | | | | |
| N | V04-1100 | DAI | 01/25/05 | chr | | M.STRAWSER | 11/19/99 | scale | | | |
| P | V05-0030 | DAI | 02/11/05 | appd | | M.STRAWSER | 02/29/00 | 2:1 | | | |
| | | | | | | | | A | | | |
| sheet | revision | R | R | R | R | R | R | | | R | R |
| index | sheet | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |



REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

KEY

| CODE | DIMENSIONS | |
|------|-----------------|-----------------|
| | DIM "A" MATE | DIM "B" TAIL |
| 1 | 5.00 | 4.30 |
| 2 | 5.75 | 4.30 |
| 3 | 6.50 | 4.30 |
| 4 | 7.25 | 4.30 |
| 5 | 5.00 | 13.60 |
| 6 | 5.75 | 13.60 |
| 7 | 6.50 | 13.60 |
| 8 | 7.25 | 13.60 |
| 9 | 5.00 | 17.00 |
| 10 | 5.75 | 17.00 |
| 11 | 6.50 | 17.00 |
| 12 | 7.25 | 17.00 |
| 13 | 8.25 | 4.30 |
| 14 | 8.25 | 13.60 |
| 15 | 8.25 | 17.00 |
| 16 | 7.00 | 4.30 |
| 17 | 7.00 | 13.60 |
| 18 | 7.00 | 17.00 |
| 19 | 8.00 | 4.30 |
| 20 | 8.00 | 13.60 |
| 21 | 8.00 | 17.00 |
| 22 | 5.00 | 12.10 |
| 25 | 5.75 | 15.60 |

KEY

| CODE | DIMENSIONS | |
|------|-----------------|-----------------|
| | DIM "A" MATE | DIM "B" TAIL |
| 40 | 5.00 | 15.60 |
| 41 | 6.50 | 15.60 |
| 42 | 7.25 | 15.60 |
| 43 | 8.00 | 15.60 |
| 44 | 5.75 | 12.10 |
| 45 | 6.50 | 12.10 |
| 48 | 5.00 | 15.10 |
| 54 | 5.00 | 11.50 |
| 55 | 5.75 | 11.50 |
| 56 | 6.50 | 11.50 |
| 59 | 5.00 | 11.80 |
| 60 | 5.75 | 11.80 |
| 61 | 6.50 | 11.80 |
| 62 | 7.25 | 11.80 |
| 63 | 8.00 | 11.80 |

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| mat'l code | | | | tolerances unless otherwise specified | | | CUSTOMER COPY | title | product family | code |
|------------|---------|----------|------|--|--------------|------------|------------------|----------|----------------|-------|
| ltr | ecn no. | dr | date | linear | 0. X ± 0.3 | projection | | | | |
| R | | | | | 0. XX ± 0.13 | | | | | |
| | | | | | .XXX ± .051 | | | | | |
| | | | | angles | 0° ± 2° | | | | | |
| | | | | | | dr | T.BRUNGARD | 11/19/99 | MM | code |
| | | | | | | engr | M.STRANSER | 11/19/99 | | 213 |
| | | | | | | chr | M.STRANSER | 11/19/99 | | sheet |
| | | | | | | appd | M.STRANSER | 02/29/00 | 2:1 | 2 |
| sheet | | revision | | | | | | | | |
| index | | sheet | | | | | | | | |

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| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER | FCI | www.fciconnect.com | | |
| ltr | ecn no. | dr | date | 0. X \pm 0.3 | COPY | | | | | |
| R | | | | 0. XX \pm 0.13 | projection | METRAL SIGNAL HEADER 8 MOD, 5 ROW PRESS-FIT | | | | |
| | | | | . XXX \pm .051 | | | | | | |
| | | | | 0° \pm 2° | | | | | | |
| | | | | | | | | | | |
| dr | | | | T. BRUNGARD 11/19/99 | MM — — — — — scale | product family | | METRAL | code | |
| engr | | | | M. STRAWSER 11/19/99 | | size | dwg no | | | 213 |
| chr | | | | M. STRAWSER 11/19/99 | | | A | | 85834 | sheet |
| oppd | | | | M. STRAWSER 02/29/00 | | | : | | | 4 |
| sheet | revision | | | | | | | | | |
| index | sheet | | | | | | | | | |

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| ltr | ecn no. | dr | date | linear | 0. X ± 0.3 0. XX ± 0.13 . XXX ± 0.051 0° ± 2° | | | | COPY projection | | | |
| | | | | angles | | | title METRAL SIGNAL HEADER 8 MOD, 5 ROW PRESS-FIT | | | | | |
| | | | | dr | T. BRUNGARD 11/19/99 | MM scale | product family METRAL | | code | | | |
| | | | | engr | M. STRAWSER 11/19/99 | | size | dwg no | A 85834 | 213 | | |
| | | | | chr | M. STRAWSER 11/19/99 | | | | | | | |
| | | | | oppd | M. STRAWSER 02/29/00 | | | | | | | |
| sheet | revision | | | | | | | | | | | |
| index | sheet | | | | | | | | | | | |
| | | | | | | | code | code | | | | |

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| ltr | ecn no. | dr | date | 0. X \pm 0.3 | COPY | | | | |
| R | | | | 0. XX \pm 0.13 | projection | title METRAL SIGNAL HEADER | | | |
| | | | | . XXX \pm .051 |  | 8 MOD, 5 ROW PRESS-FIT | | | |
| | | | | .000 \pm 0.01 | | | | | |
| | | | | 0° \pm 2° | | | | | |
| | | dr | T. BRUNGARD | 11/19/99 | MM | product family | | METRAL | code |
| | | engr | M. STRAWSER | 11/19/99 |  | size | dwg no | A | 213 |
| | | chr | M. STRAWSER | 11/19/99 | | | | | |
| | | oppd | M. STRAWSER | 02/29/00 | scale | | | | sheet |
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| sheet | revision | | | | | | | | |
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| ltr | ecn no. | dr | date | linear | 0. X \pm 0.3 | | | | COPY | | | | | |
| R | | | | angles | 0. XX \pm 0.13 | projection | title | METRAL SIGNAL HEADER | | | | | | |
| | | | | | .XXX \pm .051 | | | | METRAL SIGNAL HEADER | | | | | |
| | | | | | 0° \pm 2° | | | | 8 MOD, 5 ROW PRESS-FIT | | | | | |
| | | | | dr | T. BRUNGARD 11/19/99 | MM | product family | | METRAL | code | | | | |
| | | | | engr | M. STRAWSER 11/19/99 | | scale | size | dwg no | A 85834 | 213 | | | |
| | | | | chr | M. STRAWSER 11/19/99 | | | | | | | | | |
| | | | | oppd | M. STRAWSER 02/29/00 | | | | | | | | | |
| sheet | revision | | | | | | | | | | | | | |
| index | sheet | | | | | | | | | | | | | |

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| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER |  | www.fciconnect.com | | |
| Itr | ecn no. | dr | date | linear | 0. X \pm 0.3 0. XX \pm 0.13 . XXX \pm 0.01 0° \pm 2° | | | COPY | title METRAL SIGNAL HEADER 8 MOD, 5 ROW PRESS-FIT | |
| | | | | angles | | projection | | | | |
| | | | | dr | T. BRUNGARD 11/19/99 | MM | product family | | METRAL | code |
| | | | | engr | M. STRAWSER 11/19/99 | | size | | dwg no | 213 |
| | | | | chr | M. STRAWSER 11/19/99 | | scale | | | sheet |
| | | | | appd | M. STRAWSER 02/29/00 | | : | | | |
| sheet index | | revision sheet | | | | | | | | |
| | | | | Proc E | | | 3 | cage code | 22526 | 4 |

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2

Page 5

3

4

PDM: Rev:R

STATUS: **Released**

Printed: Jan 02, 2008

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| Itr | ecn no. | dr | date | linear | 0. X \pm 0.3 | | | | COPY |
| R | | | | linear | 0. XX \pm 0.13 | projection | title METRAL SIGNAL HEADER | | |
| | | | | | .XXX \pm 0.051 | | 8 MOD, 5 ROW PRESS-FIT | | |
| | | | | angles | 0° \pm 2° | | | | |
| | | | | dr | T.BRUNGARD | 11/19/99 | product family | METRAL | code |
| | | | | engr | M.STRAWSER | 11/19/99 | size | 213 | |
| | | | | chr | M.STRAWSER | 11/19/99 | dwg no | | |
| | | | | oppd | M.STRAWSER | 02/29/00 | scale | sheet | |
| sheet | revision | | | | | | A | 85834 | 12 |
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| Itr | ecn no. | dr | date | linear | 0. X \pm 0.3 | | | | COPY |
| R | | | | linear | 0. XX \pm 0.13 | projection | title METRAL SIGNAL HEADER | | |
| | | | | | . XXX \pm 051 | | 8 MOD, 5 ROW PRESS-FIT | | |
| | | | | angles | 0° \pm 2° | | | | |
| | | | | dr | T. BRUNGARD | 11/19/99 | product family | METRAL | code |
| | | | | engr | M. STRAWSER | 11/19/99 | size | dwg no | 213 |
| | | | | chr | M. STRAWSER | 11/19/99 | scale | | A |
| | | | | oppd | M. STRAWSER | 02/29/00 | | 85834 | 15 |
| sheet | revision | | | | | | | | |
| index | sheet | | | | | | | | |
| | | | Page 15 | | | 3 | cage code | 22526 | 1 |

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| Itr | ecn no. | dr | date | 0. X \pm 0.3 | COPY | | | |
| R | | | | 0. XX \pm 0.13 | projection | title | METRAL SIGNAL HEADER | |
| | | | | . XXX \pm .051 | | | | |
| | | | | 0° \pm 2° | MM | product family | METRAL | code |
| | | dr | T. BRUNGARD | 11/19/99 | | | | 213 |
| | | engr | M. STRAWSER | 11/19/99 | size | dwg no | A | sheet |
| | | chr | M. STRAWSER | 11/19/99 | | | | 16 |
| | | oppd | M. STRAWSER | 02/29/00 | scale | : | 85834 | |
| sheet | revision | | | | | | | |
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| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER |  | www.fciconnect.com | | | |
| ltr | ecn no. | dr | date | linear | 0. X ± 0.3 0. XX ± 0.13 . XXX ± .051 | | | | COPY | | |
| R | | | | angles | 0° ± 2° | projection | title | METRAL SIGNAL HEADER 8 MOD, 5 ROW PRESS-FIT | | | |
| | | | | dr | T. BRUNGARD 11/19/99 | MM | product family | METRAL | code | | |
| | | | | engr | M. STRAWSER 11/19/99 | | scale | size | A 85834 | 213 | |
| | | | | chr | M. STRAWSER 11/19/99 | | | | | dwg no | |
| | | | | oppd | M. STRAWSER 02/29/00 | | | | | | |
| sheet | | revision | | | | | | | | | |
| index | | sheet | | | | | | | | | |

| |
|----------------|
| PRODUCT NUMBER |
| 85834-XYY |
| 85834-XYYL |

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.

3. PIN MATERIAL:
PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL:
85834-XYY IS SnPb
85834-XXYL IS Sn (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE BELOW.

5. PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.

6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN
SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.
IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P"
WILL BE ADDED TO THE END OF THE PART NUMBER.
EXAMPLE: XXXXX-XXXP OR XXXXX-XXPLF

7. PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073

8. AFTER INSERTION INTO CIRCUIT BOARD WITH
QUALIFIED TOOL.

9. 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 EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-NI--- OR (DRAWING NO.)-N5--- WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-NI--- AND (DRAWINGS NO.)-N5--- WILL NOT WITHSTAND REFLOW AND Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

10. FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 85834-X01LF

| PLATING IN CONTACT AREA | | NOTES |
|-------------------------|-----------------------------------|------------|
| DASH NUMBER | PERFORMANCE LEVEL | - |
| -NIYY | TELCORDIA CO (NXT) | - |
| -N5YY | TELCORDIA UE (NXT) | - |
| -IYY | TELCORDIA CO | - |
| -2YY | TELECOM CLASS | - |
| -3YY | IEC CLASS I | - |
| -5YY | TELCORDIA UE | - |
| -9YY | TELCORDIA CO | - |
| -NIYYLF | TELCORDIA CO (NXT) IEC CLASS I | SEE NOTE 9 |
| -N5YYLF | TELCORDIA UE (NXT) | SEE NOTE 9 |
| -IYYLF | TELCORDIA CO IEC CLASS I | SEE NOTE 9 |
| -2YYLF | TELECOM CLASS | SEE NOTE 9 |
| -5YYLF | TELCORDIA UE | SEE NOTE 9 |

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| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER |  | www.fciconnect.com | |
| Itr | ecn no. | dr | date | linear | 0. X ± 0.3 | | | | COPY |
| R | | | | | 0. XX ± 0.13 | projection | title METRAL SIGNAL HEADER 8 MOD, 5 ROW PRESS-FIT | | |
| | | | | angles | 0. XXX ± .051 | centerline | | | |
| | | | | | 0° ± 2° | MM | product family | METRAL | code |
| | | dr | T. BRUNGARD | 11/19/99 | | | size | dwg no | 213 |
| | | engr | M. STRAWSER | 11/19/99 | | | A | 85834 | sheet |
| | | chr | M. STRAWSER | 11/19/99 | | scale | | | 18 |
| | | oppd | M. STRAWSER | 02/29/00 | | 1 : 1 | | | |
| sheet | | revision | | | | | | | |
| index | | sheet | | | | | | | |