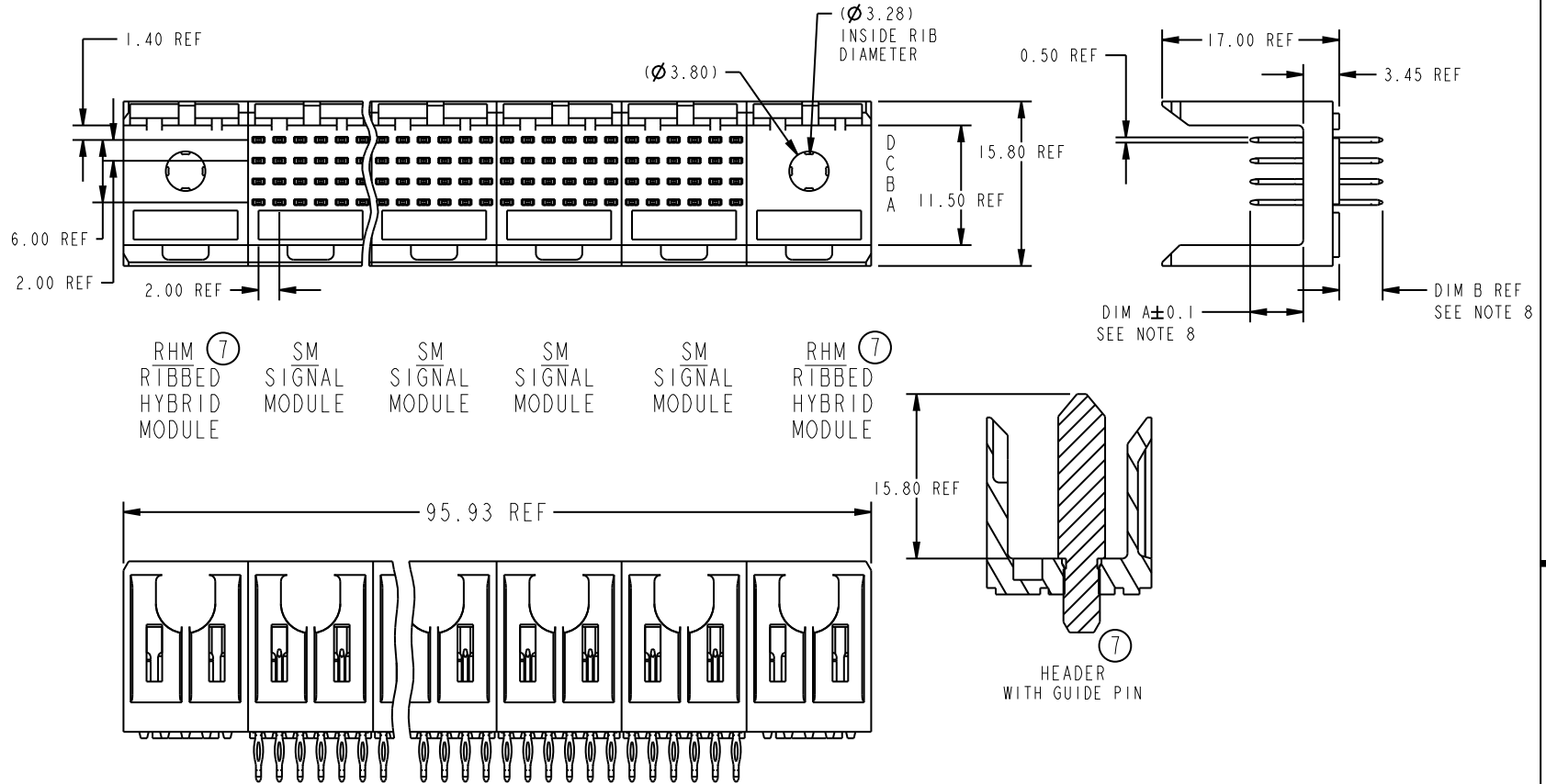


PRODUCT NUMBER  
SEE TABLE

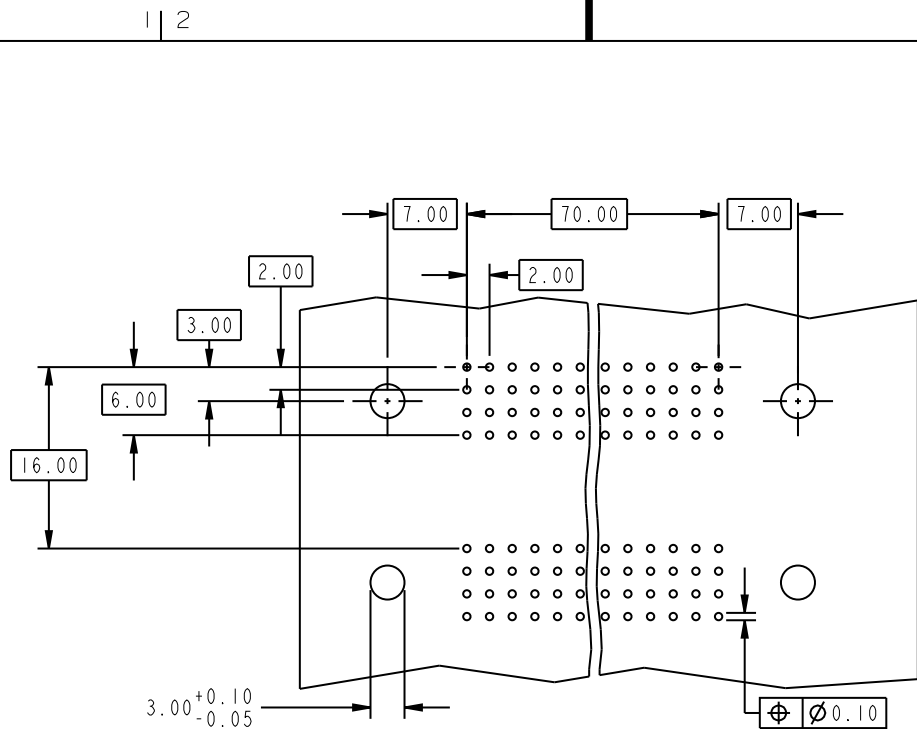


This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

|             |           |                |            |                                       |            |          |       |          |                |                           |        |                    |  |
|-------------|-----------|----------------|------------|---------------------------------------|------------|----------|-------|----------|----------------|---------------------------|--------|--------------------|--|
| mat'l code  |           |                |            | tolerances unless otherwise specified |            |          |       | CUSTOMER |                | FCI                       |        | www.fciconnect.com |  |
| ltr         | ecm no.   | dr             | date       | linear                                | 0.X ±0.3   |          | COPY  |          | projection     | title                     |        |                    |  |
| H           | DG09-0169 | TER            | 2009-05-25 |                                       | 0.XX ±0.13 |          | MM    |          |                | MONOBLOCK HEADER ASSEMBLY |        |                    |  |
| -           | -         | -              | -          |                                       | .XXX ±.051 |          | 3:2   |          |                | PRESS-FIT, 4 ROW, SPECIAL |        |                    |  |
| C           | V03-0022  | TAB            | 01/16/03   | angles                                | 0° ±2°     |          | scale |          | product family |                           | code   |                    |  |
| D           | V03-1319  | DAI            | 12/17/03   | dr                                    | T.BRUNGARD | 12/04/01 | A     |          | METRAL         |                           | 213    |                    |  |
| E           | V05-0358  | VS             | 07/23/05   | engr                                  | M.PERHACS  | 12/04/01 | A     |          | size           |                           | sheet  |                    |  |
| F           | V06-0498  | DCH            | 2006-05-24 | chr                                   | M.PERHACS  | 12/04/01 | A     |          | 58399          |                           | 1 of 4 |                    |  |
| G           | DG09-0069 | CenH           | 2009-03-03 | appd                                  | M.PERHACS  | 12/04/01 | A     |          | cage code      |                           | 4      |                    |  |
| sheet index |           | revision sheet | H          | H                                     | H          | H        |       |          |                |                           |        |                    |  |
|             |           |                | 1          | 2                                     | 3          | 4        |       |          |                |                           |        |                    |  |



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCJ. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCJ. Copyright FCJ.



REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE

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


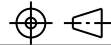


| KEY (SIGNAL PRESS-FIT) |              |              |
|------------------------|--------------|--------------|
| CODE                   | DIMENSIONS   |              |
|                        | DIM "A" MATE | DIM "B" TAIL |
| 1                      | 5.00         | 4.30         |
| 2                      | 5.75         | 4.30         |
| 3                      | 6.50         | 4.30         |

|             |                |    |      |                                       |            |          |       |                |                           |                    |       |
|-------------|----------------|----|------|---------------------------------------|------------|----------|-------|----------------|---------------------------|--------------------|-------|
| mat'l code  |                |    |      | tolerances unless otherwise specified |            | CUSTOMER |       | FCJ            |                           | www.fcjconnect.com |       |
| ltr         | ecr no.        | dr | date | linear                                | 0.X ±0.3   | COPY     |       | projection     | title                     |                    |       |
| H           |                |    |      |                                       | 0.XX ±0.13 | MM       |       |                | MONOBLOCK HEADER ASSEMBLY |                    |       |
|             |                |    |      |                                       | .XXX ±.051 | 3:2      |       |                | PRESS-FIT, 4 ROW, SPECIAL |                    |       |
|             |                |    |      | angles                                | 0° ±2°     | scale    |       | product family |                           | code               |       |
|             |                |    |      | dr                                    | T.BRUNGARD | 12/04/01 | A     |                | METRAL                    |                    | 213   |
|             |                |    |      | enr                                   | M.PERHACS  | 12/04/01 | 58399 |                | size                      |                    | sheet |
|             |                |    |      | chr                                   | M.PERHACS  | 12/04/01 | 2     |                | dwg no                    |                    | 2     |
|             |                |    |      | appd                                  | M.PERHACS  | 12/04/01 |       |                | cage code                 |                    |       |
| sheet index | revision sheet |    |      |                                       |            |          |       |                | 22526                     |                    |       |

| PRODUCT NUMBER | DESCRIPTION | PLATING IN PRESS FIT TAIL AREA | PERFORMANCE LEVEL OF PLATING IN CONTACT AREA        |
|----------------|-------------|--------------------------------|---|
| 58399-NIYYY    | STANDARD    | TIN LEAD                       | TELCORDIA CO (NXT)                                  |
| 58399-N5YYY    | STANDARD    | TIN LEAD                       | TECORDIA UE (NXT)                                   |
| 58399-1YYY     | STANDARD    | TIN LEAD                       | TELCORDIA CO  |
| 58399-2YYY     | STANDARD    | TIN LEAD                       | TELECOM CLASS                                       |
| 58399-3YYY     | STANDARD    | TIN LEAD                       | IEC CLASS I   |
| 58399-5YYY     | STANDARD    | TIN LEAD                       | TELCORDIA UE  |
| 58399-9YYY     | STANDARD    | TIN LEAD                       | TELCORDIA CO  |
| 58399-PYYY     | STANDARD    | TIN LEAD                       | CUSTOMER SPECIAL                                    |
| 58399-MYYY     | STANDARD    | TIN LEAD                       | CUSTOMER SPECIAL                                    |
| 58399-NIYYLFF  | LEAD FREE   | TIN                            | TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10 |
| 58399-N5YYLFF  | LEAD FREE   | TIN                            | TECORDIA UE (NXT) SEE NOTES 9 AND 10                |
| 58399-1YYLFF   | LEAD FREE   | TIN                            | TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10       |
| 58399-2YYLFF   | LEAD FREE   | TIN                            | TELECOM CLASS, SEE NOTES 9 AND 10                   |
| 58399-5YYLFF   | LEAD FREE   | TIN                            | TELCORDIA UE, SEE NOTES 9 AND 10                    |
| 58399-PYYLFF   | LEAD FREE   | TIN                            | CUSTOMER SPECIAL                                    |
| 58399-MYYLFF   | LEAD FREE   | TIN                            | CUSTOMER SPECIAL                                    |

NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL POLYMER 30 % GLASS. FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL: PHOSPHOR BRONZE.
- PLATING ON: PRESS-FIT TAIL AREA SEE PRODUCT NUMBER TABLE. PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.
- PRODUCT MARKING: PART NUMBER DESIGNATION & BATCH I.D.
- 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-XXXPLF
- PRODUCT SPECIFICATION: GS-12-180 APPLICATION SPECIFICATION: BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 58399-NI--- OR 58399-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 58399-NI--- AND 58399-N5--- WILL NOT WITHSTAND REFLOW AND THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140 DEGREES C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

|             |                |    |      |                                       |                     |   |  |   |   |
|-------------|----------------|----|------|---------------------------------------|---------------------|---|--|---|---|
| mat'l code  |                | -- |      | tolerances unless otherwise specified |                     | CUSTOMER  |  | <br>www.fciconnect.com |   |
| ltr         | ecn no.        | dr | date | linear                                | 0.X ±0.3            | COPY  |  | projection  |  |
| H           |                |    |      |                                       | 0.XX ±0.13          | title   |  |   |   |
|             |                |    |      |                                       | .XXX ±.051          | MONOBLOCK HEADER ASSEMBLY<br>PRESS-FIT, 4 ROW, SPECIAL                                |  |   |   |
|             |                |    |      | angles                                | 0° ±2°              |  |  |   |   |
|             |                |    |      | dr                                    | T.BRUNGARD 12/04/01 | MM  |  | product family METRAL code  |   |
|             |                |    |      | engr                                  | M.PERHACS 12/05/01  |  |  | size  | 213   |
|             |                |    |      | chr                                   | M.PERHACS 12/04/01  | scale   |  | dwg no  | sheet   |
|             |                |    |      | appd                                  | M.PERHACS 12/04/01  | 3:2   |  | 58399   | 3   |
| sheet index | revision sheet |    |      |                                       |                     |   |  |   |   |



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCJ. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCJ. Copyright FCJ.



This document is the property of and embodies CONFIDENTIAL and PROPRIETARY information of FCI. No part of the information shown on this document may be used in any way or disclosed to others without the written consent of FCI. Copyright FCI.

| METRAL P/N                        | ROW | RHM |   |   |   |   |   | SM |   |   |    |    |    | SM |    |    |    |    |    | SM |    |    |    |    |    | SM |    |    |    |    |    | SM |    |    |    |    |    | RHM |    |    |    |    |    |    |    |    |    |    |
|-----------------------------------|-----|-----|---|---|---|---|---|----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|
|                                   |     | 1   | 2 | 3 | 4 | 5 | 6 | 7  | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37  | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |
| 58399-X001<br>AND<br>58399-X001LF | D   |     |   |   |   |   |   | -  | 2 | 2 | 2  | 2  | -  | 2  | 2  | 2  | 2  | -  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3   | 3  | 3  | 3  | 3  |    |    |    |    |    |    |
|                                   | C   |     |   |   |   |   |   | -  | 2 | 2 | 2  | 2  | -  | 2  | 2  | 2  | 2  | -  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 1  | 1  | 1  | 1  |    |    |    |    |    |    |
|                                   | B   |     |   |   |   |   |   | -  | 2 | 2 | 2  | 2  | -  | 2  | 2  | 2  | 2  | -  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 1  | 1  | 1  | 1  |    |    |    |    |    |    |
|                                   | A   |     |   |   |   |   |   | -  | 2 | 2 | 2  | 2  | -  | 2  | 2  | 2  | 2  | -  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | 1  | 1  | 1  | 1  |    |    |    |    |    |    |

A

A

|             |         |                |      |        |            |          |  |                                       |            |  |  |          |  |  |  |  |  |  |  |
|-------------|---------|----------------|------|--------|------------|----------|--|---------------------------------------|------------|--|--|----------|--|--|--|--|--|--|--|
| mat'l code  |         |                |      | --     |            |          |  | tolerances unless otherwise specified |            |  |  | CUSTOMER |  |  |  |  |  |  |  |
| ltr         | ecm no. | dr             | date | linear | 0.X ±0.3   |          |  |                                       | COPY       |  |  |          | www.fciconnect.com                                     |  |  |  |  |  |  |
| H           |         |                |      |        | 0.XX ±0.13 |          |  |                                       | projection |  |  |          | title  |  |  |  |  |  |  |
|             |         |                |      |        | .XXX ±.051 |          |  |                                       |            |  |  |          | MONOBLOCK HEADER ASSEMBLY<br>PRESS-FIT, 4 ROW, SPECIAL |  |  |  |  |  |  |
|             |         |                |      | angles | 0° ±2°     |          |  |                                       |            |  |  |          | product family   |  |  |  |  |  |  |
|             |         |                |      | dr     | T.BRUNGARD | 12/04/01 |  |                                       | MM         |  |  |          | METRAL   |  |  |  |  |  |  |
|             |         |                |      | enr    | M.PERHACS  | 12/04/01 |  |                                       | scale      |  |  |          | code   |  |  |  |  |  |  |
|             |         |                |      | chr    | M.PERHACS  | 12/04/01 |  |                                       | 1:1        |  |  |          | 213  |  |  |  |  |  |  |
|             |         |                |      | appd   | M.PERHACS  | 12/04/01 |  |                                       | A          |  |  |          | sheet  |  |  |  |  |  |  |
| sheet index |         | revision sheet |      |        |            |          |  |                                       |            |  |  |          |  |  |  |  |  |  |  |
|             |         |                |      |        |            |          |  |                                       |            |  |  |          |  |  |  |  |  |  |  |

B

B