

|     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| y   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| h   | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 8 | 8 | 8 | 8 |
| g   | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| f   | 1 | 1 | F | F | 1 | 1 | F | F | 1 | 1 | F | F | 1 | 1 | F | F | 1 | 1 | F | F | 8 | 8 | F | F |
| e   | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| d   | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 8 | 8 | 8 | 8 |
| c   | F | F | 1 | 1 | F | F | 1 | 1 | F | F | 1 | 1 | F | F | 1 | 1 | F | F | 8 | 8 | F | F | 8 | 8 |
| b   | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 8 | 8 | 8 | 8 |
| a   | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 1 | 1 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| z   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |   |   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |   |
| nop | 0 |   |   |   | 0 |   |   |   |   |   | 1 |   |   |   | 1 |   |   |   |   | 2 |   |   | 2 |   |
|     | 1 |   |   |   | 5 |   |   |   |   |   | 0 |   |   |   | 5 |   |   |   |   | 0 |   |   | 5 |   |

Technical drawing of a connector assembly showing three views (1, 8, F) with dimensions and a seating plane.

View 1 (Top): Shows the connector with dimensions 8.2 and 4.5.

View 8 (Middle): Shows the connector with dimensions 8.2 and 14.5.

View F (Bottom): Shows the connector with dimensions 9.7 and 16.0.

A vertical line indicates the center of the connector. A diamond symbol is located below the center line, with an arrow pointing to it labeled "SEATING PLANE FOR CONNECTOR".

SEATING PLANE  
FOR CONNECTOR

LEAD FREE INDICATOR : LF = LEAD FREE  
(DIGIT 15 & 16)

PLATING CODE (DIGIT 13 AND 14)  
(REF DWG No. BS,C ,201844,003)

NOTES:

1. THIS PRODUCT IS CSA APPROVED.
2. THIS PRODUCT IS UL RECOGNIZED.
3. MEASURED AT THE BOTTOM.
4. MATERIAL CONTACT: PHOSPHORBRONZE  
HOUSING: CREAM WHITE GLASSFILLED  
POLYESTER UL-94V0
5. CONNECTOR PRINTED WITH P/N AND DATE CODE.
6. FOR ACTUAL CONTACT LOADINGS, SEE LOADING PATTERN  
MATING SIDE.
7. SHAPE OF CONNECTOR HOUSING CAN ALTER  
DEPENDING ON PRODUCTION LOCATION.
8. THE PRODUCT (LF) MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY  
REGULATIONS AS DESCRIBED IN GS-22-008
9. FOR RECOMMENDED PTH DIMENSIONS REFER DRAWING : BS,A ,201572,001

|                                                                                       |                                                                                                                                                                                           |            |        |                                                                                       |                    |          |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|---------------------------------------------------------------------------------------|--------------------|----------|
| 1DEC ±0.2<br>2DEC ±0.1<br>ANGLES ±1°                                                  | APPR.                                                                                                                                                                                     | DATE       | SIGN.  | LOADING PATTERN OVERVIEW (8+2 ROW)                                                    |                    |          |
|                                                                                       | DRAFT                                                                                                                                                                                     | 2000-05-09 | M.Fret | CAT. No. HM2P95PNF120----                                                             |                    | SCALE    |
|                                                                                       | CHECKED                                                                                                                                                                                   |            |        |  | www.fciconnect.com |          |
|                                                                                       | PROD. MGR.                                                                                                                                                                                |            |        |                                                                                       |                    |          |
| WE RESERVE THE RIGHT TO CHANGE<br>DIMENSIONS OR REQUIREMENTS<br>WITHOUT PRIOR NOTICE. | PR. ENG. MGR.                                                                                                                                                                             |            |        |                                                                                       |                    |          |
|                                                                                       | PR. MGT. MGR.                                                                                                                                                                             |            |        |                                                                                       |                    |          |
| ALL DIMENSIONS IN MM                                                                  |  <br>REFERENCES |            |        | BS, C , 202175, 170                                                                   |                    | C        |
|                                                                                       |                                                                                                                                                                                           |            |        | DRAWING No. CUSTOMER DRAWING                                                          |                    | REVISION |