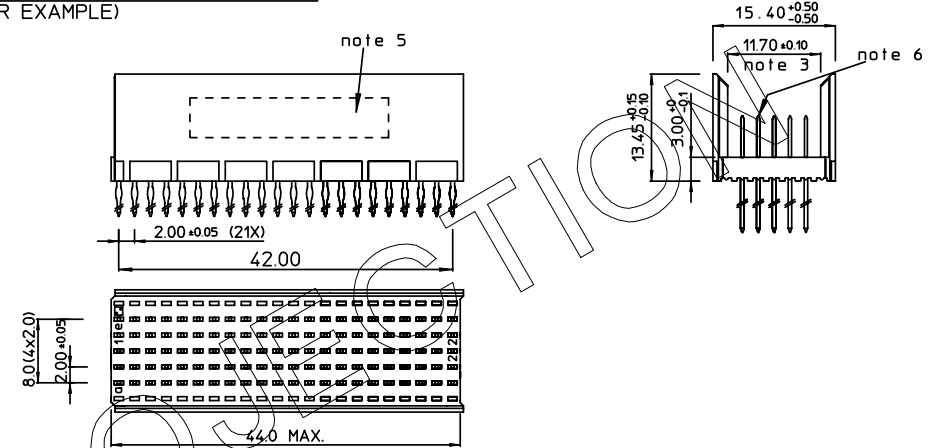


|          |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |    |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| GEN. ST. | 01    | 02    | 03    | 04    | 05    | 06    | 07    | 08    | 0D    | 50    | 60    | 70    | 80    | 90    |       |    |
| INT. ST. | 10 11 | 12 13 | 14 18 | 20 31 | 32 33 | 34 38 | 39 40 | 42 43 | 44 45 | 46 48 | 56 70 | 72 73 | 75 76 | 81 82 | 83 84 | 88 |

| REV. | DATE       | DESCRIPTION            | BY     | C'K'D' |
|------|------------|------------------------|--------|--------|
| A    | 2001-09-14 | CONVERSION REVISION 02 | KN     |        |
| B    | 2002-06-03 | EC B20086              | BVE    |        |
| C    | 2005-10-25 | I05-0205               | ALEX B | BKP    |
| D    | 2006-07-14 | I06-0111               | VIVEK  | BKP    |

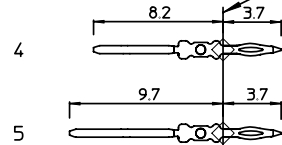
## LOADING PATTERN MATING SIDE

|     |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| f   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| e   | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| d   | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| c   | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| b   | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| a   | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| z   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| POS | 0 | 1 | 0 | 5 | 1 | 0 | 1 | 5 | 2 | 0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

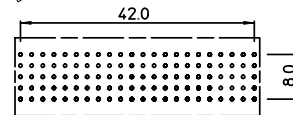
LOADED CONNECTOR ASSEMBLY  
(FOR EXAMPLE)

SHEET NR. : 755

## CONTACT OVERVIEW

SEATING PLANE  
FOR CONNECTOR

## LAY-OUT P.C.B.-HOLE



HM2P70PDE1U0

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.<br>DRAFT<br>CHECKED<br>PROD. MGR.<br>PR. ENG. MGR.<br>PR. MGT. MGR. | DATE<br>1999-01-05 | SIGN.<br>M.Frel | LOADING PATTERN OVERVIEW<br>CAT. No. HM2P70PDE1U0---- |
| WE RESERVE THE RIGHT TO CHANGE<br>DIMENSIONS OR REQUIREMENTS<br>WITHOUT PRIOR NOTICE. |                                                                           |                    |                 | SCALE                                                 |
| ALL DIMENSIONS IN MM                                                                  |                                                                           |                    |                 | www.fciconnect.com                                    |
|                                                                                       | REFERENCES                                                                |                    |                 |                                                       |
|                                                                                       |                                                                           |                    |                 | BS,C ,201843,662                                      |
|                                                                                       |                                                                           |                    |                 | D                                                     |
|                                                                                       |                                                                           |                    |                 | DRAWING No.                                           |
|                                                                                       |                                                                           |                    |                 | CUSTOMER DRAWING                                      |
|                                                                                       |                                                                           |                    |                 | REVISION                                              |
|                                                                                       |                                                                           |                    |                 | Printed: Apr 15, 2008                                 |