| BS,C ,202175,075 | C |
|---|---|

| 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 01 | KN | |
| B | 2005-10-25 | 105-0201 | VIVEK | BKP |
| C | 2006-08-04 | 106-0120 | VIVEK | BKP |
| | | | | |

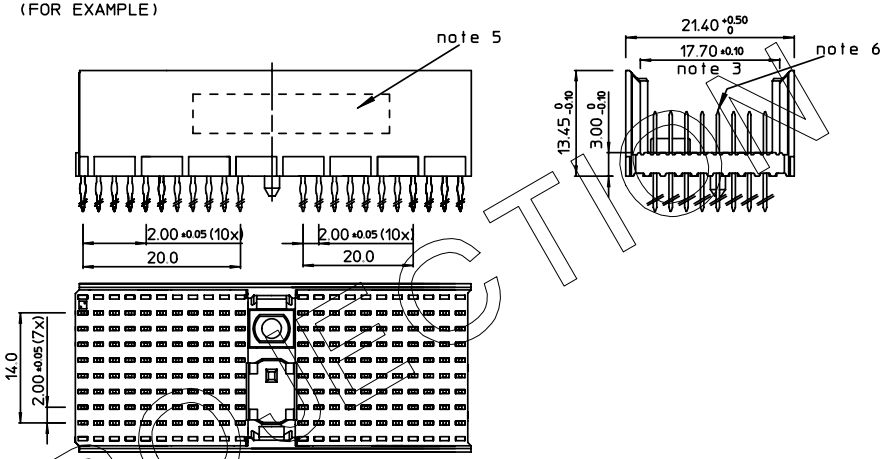
## LOADING PATTERN MATING SIDE

| | POS 01 | | | | | 05 | | | | | 10 | | | | | 15 | | | | | 20 | | | | | 25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| y | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| h | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | | | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| g | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | | | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| f | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | | | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| e | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | | | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| d | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | | | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| c | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | | | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| b | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | | | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| a | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | | | 6 | 6 | 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 |

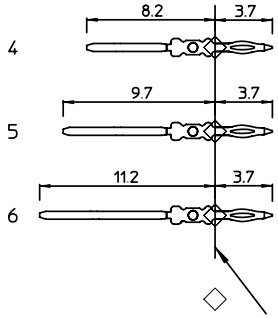
SHEET NR. : 75

## LOADED CONNECTOR ASSEMBLY

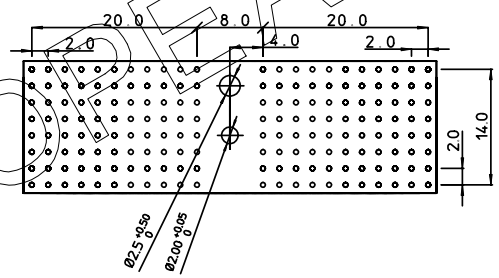
(FOR EXAMPLE)




## CONTACT OVERVIEW




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




HM2P87PDA1U0- - - -

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

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DIT IS ONZE EIGENDOM EN MAG NOCH NAGEMAAKT, HERDRUKT, OVERGEMAAKT AAN DERDEN, NOCH VOOR FABRIKATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE TOELATING. BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.

| 1DEC ±0,2<br>2DEC ±0,1<br>ANGLES ±1° | APPR. | DATE | SIGN. |
|---|---|---|---|
| | DRAFT | 1998-10-29 | M.Fret |
| | CHECKED | | |
| WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE. | PROD. MGR. | | |
| | PR.ENG.MGR. | | |
| ALL DIMENSIONS IN MM | PR.MGT.MGR. | | |
| | REFERENCES | | |

LOADING PATTERN OVERVIEW (8+2 ROW)

CAT. No. HM2P87PDA1U0- - - -

FCI www.fciconnect.com

SCALE

BS,C ,202175,075 — DRAWING No.

CUSTOMER DRAWING

C — REVISION

PDM: Rev:C STATUS: Released Printed: Dec 02, 2007