

LOADED CONNECTOR ASSEMBLY  
(FOR EXAMPLE)

Technical drawing of the 100-pin connector showing top, side, and detail views with dimensions and callouts.

**Top View Dimensions:**

- Pin pitch:  $2.00 \pm 0.05$  (10x)
- Pin width: 20.0
- Pin height:  $2.00 \pm 0.05$  (10x)
- Pin spacing: 20.0

**Side View Dimensions:**

- Pin height:  $8.0 (4 \times 2.0)$
- Pin width:  $2.00 \pm 0.05$
- Pin spacing: 50.0 MAX.

**Detail View Dimensions (Note 3):**

- Pin pitch:  $15.40 \pm 0.50$
- Pin width:  $11.70 \pm 0.10$
- Pin height:  $13.45 \pm 0.15$
- Pin spacing:  $3.00 \pm 0.10$

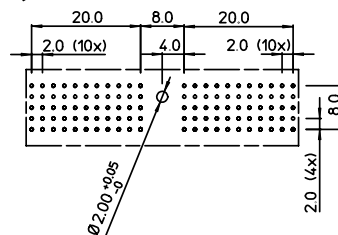
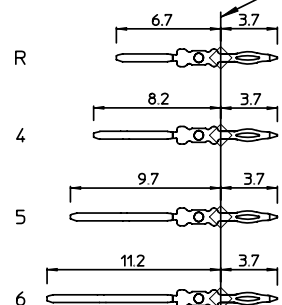
**Callouts:**

- note 5: Points to the top of the connector housing.
- note 6: Points to the bottom of the connector housing.

CONTACT OVERVIEW

SEATING PLANE  
FOR CONNECTOR

LAY-OUT P.C.B.-HOLE



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

HM2P07PDK130

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 $\pm 0.2$<br>2DEC $\pm 0.1$<br>ANGLES $\pm 1^\circ$                                                      | <b>APPR.</b>  | <b>DATE</b> | <b>SIGN.</b> | LOADING PATTERN OVERVIEW                                                               |                                                            |
|                                                                                                               | DRAFT         | 2000-06-23  | M.Frel       | CAT. No. HM2P07PDK130----                                                              |                                                            |
|                                                                                                               | CHECKED       |             |              |   | <a href="http://www.fciconnect.com">www.fciconnect.com</a> |
|                                                                                                               | PROD. MGR.    |             |              |                                                                                        |                                                            |
| WE RESERVE THE RIGHT TO CHANGE<br>DIMENSIONS OR REQUIREMENTS<br>WITHOUT PRIOR NOTICE.                         | PR.ENG. MGR.  |             |              |                                                                                        | SCALE                                                      |
| ALL DIMENSIONS IN MM<br> | PR. MGT. MGR. |             |              | <b>REFERENCES</b><br>BS, C , 202788, 009<br>DRAWING No. CUSTOMER DRAWING<br>D REVISION |                                                            |

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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.