

|             |        |   |   |   |        |   |   |   |   |        |   |  |  |        |   |   |   |   |        |   |   |   |   |        |   |   |
|-------------|--------|---|---|---|--------|---|---|---|---|--------|---|--|--|--------|---|---|---|---|--------|---|---|---|---|--------|---|---|
| f           | 6      | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6 | 6      |   |  |  | 6      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6 | 6      | 6 | 6 |
| e           | 5      | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5 | 5      |   |  |  | 5      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5 | 5      | 5 | 5 |
| d           | 5      | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 4 | 5      | 5 |  |  | 5      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5 | 5      | 5 | 5 |
| c           | 5      | 5 | 5 | 6 | 5      | 6 | 5 | 5 | 5 | 5      | 5 |  |  | 5      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 6 | 5 | 6      | 5 | 5 |
| b           | 5      | 5 | 6 | 5 | 6      | 5 | 6 | 5 | 6 | 5      | 6 |  |  | 4      | 5 | 6 | 5 | 6 | 5      | 5 | 5 | 6 | 5 | 5      | 5 | 5 |
| a           | 5      | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5 | 5      | 5 |  |  | 5      | 5 | 5 | 5 | 5 | 5      | 5 | 5 | 5 | 5 | 5      | 5 | 5 |
| z           | 6      | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6 | 6      | 6 |  |  | 6      | 6 | 6 | 6 | 6 | 6      | 6 | 6 | 6 | 6 | 6      | 6 | 6 |
| P<br>O<br>S | 0<br>1 |   |   |   | 0<br>5 |   |   |   |   | 1<br>0 |   |  |  | 1<br>5 |   |   |   |   | 2<br>0 |   |   |   |   | 2<br>5 |   |   |

Figure 1: Dimensions of the connector. The figure includes three views: a side view (top left), a top view (top right), and a bottom view (bottom right). The side view shows a height of  $13.45+0.15/-0.10$ , a base thickness of  $3.00+0/-0.10$ , a total width of  $15.40\pm0.50$ , and a central width of  $11.70\pm0.10$ . The top view shows a total length of  $50.0 \text{ MAX}$  and a central section of  $12.00$ . The bottom view shows a total length of  $50.0 \text{ MAX}$  and two  $20.00$  sections. Dimensions are given in millimeters.

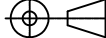
Diagram illustrating the dimensions of three different connector types (4, 5, and 6) relative to a seating plane for the connector.

- Connector 4:** The distance from the seating plane to the end of the connector is 8.20. The distance from the seating plane to the end of the internal feature is 3.70.
- Connector 5:** The distance from the seating plane to the end of the connector is 9.70. The distance from the seating plane to the end of the internal feature is 3.70.
- Connector 6:** The distance from the seating plane to the end of the connector is 11.20. The distance from the seating plane to the end of the internal feature is 3.70.

Technical drawing of a double-leaf door assembly in section. The drawing shows two leaves, each 20.00 units wide, separated by a 4.00 unit gap. The total width is 44.00 units. The height is 12.00 units. The door is shown in a closed position. Dimensions include 2.00 units for the edge distance, 8.00 units for the gap between the leaves, and 2.00 units for the bottom clearance. A detail callout shows a hole with a diameter of 2.00 units, with a tolerance of +0.05/-0.

1. THIS PRODUCT IS CSA APPROVED.
2. THIS PRODUCT IS UL RECOGNIZED.
3. MEASURED AT THE BOTTOM.
4. MATERIAL CONTACT: PHOSPHORBRONZE  
HOUSING: CREAM WHITE GLASS FILLED 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

CATALOG NO: HM2P07PDK3N1----

|                           |  |                |  |                       |            |                               |                                       |                                                                                                     |                                                                                                        |                             |                                                |  |                                                                              |  |  |  |  |  |  |  |        |         |  |  |  |  |  |  |
|---------------------------|--|----------------|--|-----------------------|------------|-------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------|--|------------------------------------------------------------------------------|--|--|--|--|--|--|--|--------|---------|--|--|--|--|--|--|
| mat'l. code<br>SEE NOTE 4 |  |                |  | surface<br>ISO 1302 ✓ |            | tolerance<br>ISO 406 ISO 1101 |                                       | projection<br> |                                                                                                        | product family<br>MILLIPACS |                                                |  |                                                                              |  |  |  |  |  |  |  |        |         |  |  |  |  |  |  |
| ltr                       |  | ecn no         |  | dr                    | date       |                               | tolerances unless otherwise specified |                                                                                                     | <br>MM<br>scale — |                             | title<br><br>MPACS 5+2R STR HDR PF CONN TYPE A |  |                                                                              |  |  |  |  |  |  |  |        |         |  |  |  |  |  |  |
| A                         |  | 108-0054       |  | MINI                  | 2008-04-11 |                               | angles                                |                                                                                                     |                                                                                                        |                             |                                                |  |                                                                              |  |  |  |  |  |  |  | linear | .0±0.2  |  |  |  |  |  |  |
|                           |  |                |  |                       |            |                               | 0°±1°                                 |                                                                                                     |                                                                                                        |                             |                                                |  |                                                                              |  |  |  |  |  |  |  |        | .00±0.1 |  |  |  |  |  |  |
|                           |  |                |  |                       |            |                               |                                       |                                                                                                     |                                                                                                        |                             |                                                |  |                                                                              |  |  |  |  |  |  |  |        |         |  |  |  |  |  |  |
|                           |  |                |  |                       |            |                               | dr                                    |                                                                                                     | MINI K VANDANATH                                                                                       |                             | 2008-04-11                                     |  | dwg no<br>sheet 1 of 1<br>BS, C ,203028,804<br>type Product Customer Drawing |  |  |  |  |  |  |  |        |         |  |  |  |  |  |  |
|                           |  |                |  |                       |            |                               | enr                                   |                                                                                                     | ALEX BABU                                                                                              |                             | 2008-04-11                                     |  |                                                                              |  |  |  |  |  |  |  |        |         |  |  |  |  |  |  |
|                           |  |                |  |                       |            |                               | chr                                   |                                                                                                     | ALEX BABU                                                                                              |                             | 2008-04-11                                     |  |                                                                              |  |  |  |  |  |  |  |        |         |  |  |  |  |  |  |
|                           |  |                |  |                       |            |                               | appd                                  |                                                                                                     | ALEX BABU                                                                                              |                             | 2008-04-11                                     |  |                                                                              |  |  |  |  |  |  |  |        |         |  |  |  |  |  |  |
| sheet index               |  | revision sheet |  | A                     | 1          |                               |                                       |                                                                                                     |                                                                                                        |                             |                                                |  |                                                                              |  |  |  |  |  |  |  |        |         |  |  |  |  |  |  |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[HM2P07PDK3N1N9LF](#)