

f	6	6	6	6	6	6	6	6	6	6				6	6	6	K	K	K	K	K	K	K	K		
e	5	5	5	5	5	5	5	5	5	5				5	5	5	E	E	E	E	E	E	E	E		
d	5	5	5	5	5	5	5	5	5	5				5	5	5	E	E	E	E	E	E	E	E		
c	5	5	5	5	5	5	5	5	5	5				5	5	5	E	E	E	E	E	E	E	E		
b	5	5	5	5	5	5	5	5	5	5				5	5	5	E	E	E	E	E	E	E	E		
a	5	5	5	5	5	5	5	5	5	5				5	5	5	E	E	E	E	E	E	E	E		
z	6	6	6	6	6	6	6	6	6	6				6	6	6	K	K	K	K	K	K	K	K		
P	0					0					1					1					2					2
O	1					5					0					5					0					5
S																										

Technical drawing of a 100-pin connector, showing top and side views with dimensions and notes.

Top View Dimensions:

- Overall width: 50.0 MAX
- Pin pitch (center-to-center): $2.00 \pm 0.05 (6 \times)$
- Pin height (from base): 12.00
- Pin diameter: 1.54 ± 0.10
- Pin length (from base): $13.45^{+0.15}_{-0.10}$
- Pin length (from base, excluding tip): 11.70 ± 0.10
- Pin length (from base, excluding tip, excluding bend): 15.40 ± 0.50

Side View Dimensions:

- Pin pitch (center-to-center): $2.00 \pm 0.05 (10 \times)$
- Pin height (from base): $3.00^{+0}_{-0.10}$
- Pin length (from base): 20.00
- Pin length (from base, excluding tip): $2.00 \pm 0.05 (10 \times)$

Notes:

- NOTE 3: Dimension 11.70 ± 0.10 is the length of the pin from the base to the tip of the bend.
- NOTE 6: Dimension 15.40 ± 0.50 is the length of the pin from the base to the end of the bend.
- NOTE 5: Dimension $2.00 \pm 0.05 (10 \times)$ is the length of the pin from the base to the tip of the bend.

SEATING PLANE FOR CONNECTOR

5 9.70 3.70

6 11.20 3.70

E 9.70 14.50

K 11.20 16.00

The technical drawing shows a mechanical component with the following dimensions and features:

- Overall Width:** 20.00 + 8.00 + 20.00 = 48.00
- Overall Height:** 12.00 + 2.00 = 14.00
- Internal Features:**
 - A central vertical slot with a width of 8.00.
 - A horizontal slot at the bottom with a height of 2.00.
 - A circular hole located in the lower-left quadrant, indicated by a leader line pointing to its center.
- Hole Dimensions:** The diameter is specified as $\varnothing 2.00^{+0.05}_{-0}$.
- Sectional View:** A dashed line indicates a section cut through the part, passing through the central slot and the hole.
- Surface Finish:** A symbol consisting of three parallel wavy lines is present on the top surface of the right-hand section.

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: HM2P07PMK1N5----

[illegible]