

f	6	6	6	6	6	6	6	6	6	6				6	6	6	6	6	6	6	6	6	6	6		
e	4	4	4	4	4	5	4	4	6	4	4			4	4	4	4	4	4	4	4	4	4	4		
d	4	4	4	6	4	4	4	4	4	4	4			6	4	4	6	4	4	4	6	4	6	4		
c	5	5	5	5	5	4	4	4	4	4	4			4	4	4	4	4	4	4	4	4	4			
b	5	4	5	4	5	5	4	4	4	4	5			4	5	5	5	5	5	5	5	5	5	5		
a	4	4	4	4	6	6	6	6	4	6	4			6	4	6	4	5	4	5	4	6	4	4		
z	6	6	6	6	6	6	6	6	6	6	6			6	6	6	6	6	6	6	6	6	6			
P O S	0					0					1					1					2					2
	1					5					0					5					0					5

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

Top View Dimensions:

- Overall width: 50.0 MAX
- Pin pitch: $2.00 \pm 0.05 (6 \times)$
- Pin height: 12.00

Side View Dimensions:

- Overall height: $13.45^{+0.15}_{-0.10}$
- Pin height: $3.00^{+0}_{-0.10}$
- Pin pitch: $2.00 \pm 0.05 (10 \times)$

Detail View Dimensions:

- Overall width: 15.40 ± 0.50
- Pin pitch: 11.70 ± 0.10
- Pin height: $2.00 \pm 0.05 (10 \times)$

Notes:

- NOTE 3: Dimension for pin pitch in detail view.
- NOTE 5: Dimension for pin pitch in side view.
- NOTE 6: Dimension for pin height in side view.

Diagram illustrating the dimensions of three probe tips (4, 5, and 6) relative to a vertical line representing the SEATING PLANE FOR CONNECTOR.

- Tip 4:** Total length is 8.20. The distance from the tip to the seating plane is 3.70.
- Tip 5:** Total length is 9.70. The distance from the tip to the seating plane is 3.70.
- Tip 6:** Total length is 11.20. The distance from the tip to the seating plane is 3.70.

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

PLATING CODE (DIGIT 13 AND 14)
(REF DRW NO. BS,C , 201844 , 003)

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: HM2P07PDN1A1----

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