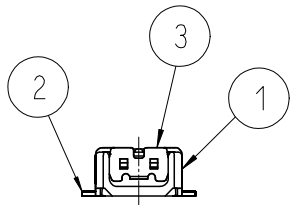
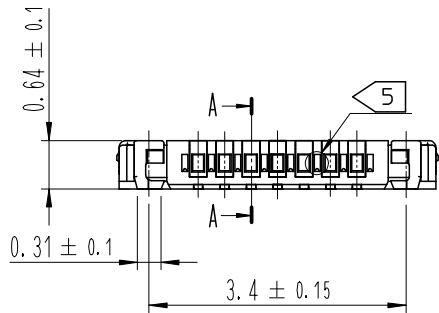
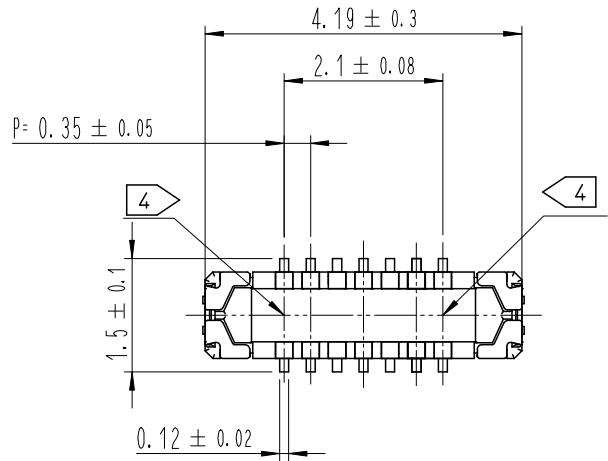


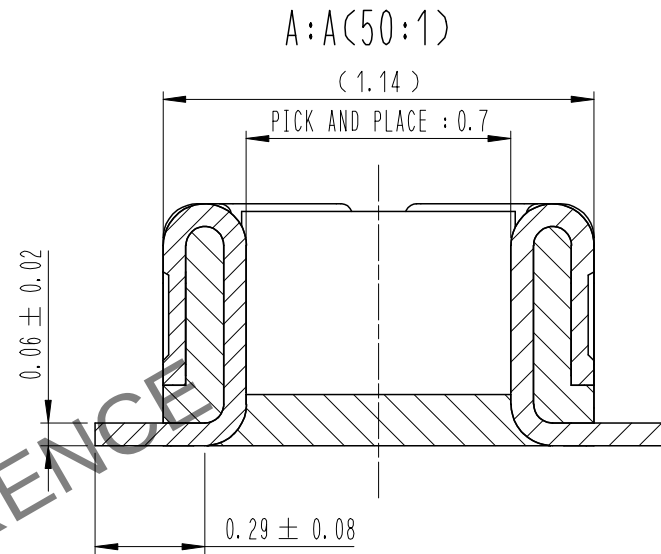
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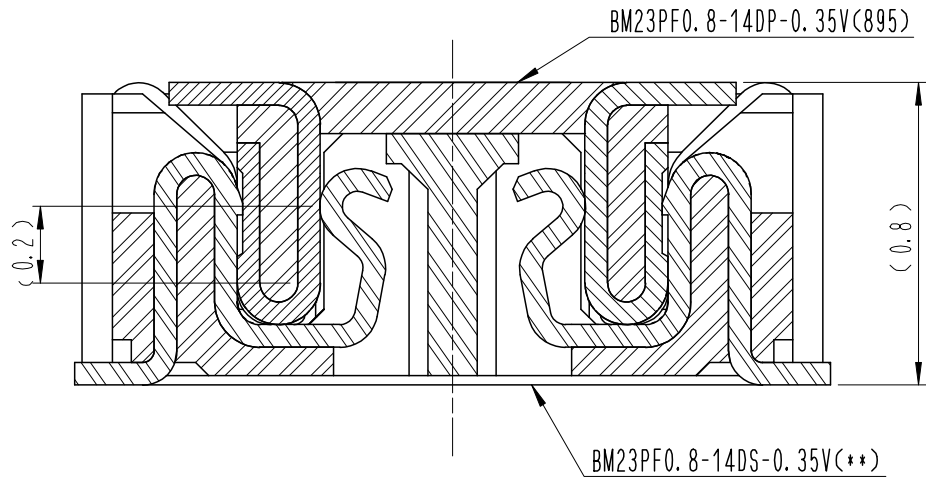
DRAWING FOR REFERENCE  
This is subject to change without notice

- NOTE
- 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.
  - 2. CONTACT PLATING SPECIFICATIONS.  
CONTACT AREA : GOLD 0.05  $\mu$ m MIN.  
SMT LEAD : GOLD 0.05  $\mu$ m MIN.  
UNDER PLATING : NICKEL 1  $\mu$ m MIN.  
( SURFACE : SEALING )
  - 3. METAL FITTING PLATING SPECIFICATIONS.  
SMT LEAD : GOLD 0.05  $\mu$ m MIN.  
UNDERPLATING : NICKEL 1  $\mu$ m MIN.  
( SURFACE : SEALING )
  - 4. HRS MARK AND CAV No. ARE INDICATED IN APPROX POSITION SHOWN.
  - 5. A PART OF THE WALL COULD BE NOTCHED.

|   | △數    | 訂正事項                     | 擔當 | 檢圖 | 年月日  |      | △數 | 訂正事項  | 擔當                       | 檢圖 | 年月日 |      |      |
|---|-------|--------------------------|----|----|------|------|----|-------|--------------------------|----|-----|------|------|
|   | COUNT | DESCRIPTION OF REVISIONS | B  | Y  | CHKD | DATE |    | COUNT | DESCRIPTION OF REVISIONS | B  | Y   | CHKD | DATE |
| △ |       |                          |    |    |      | .    | △  |       |                          |    |     |      | .    |
| △ |       |                          |    |    |      | .    | △  |       |                          |    |     |      | .    |
| △ |       |                          |    |    |      | .    | △  |       |                          |    |     |      | .    |



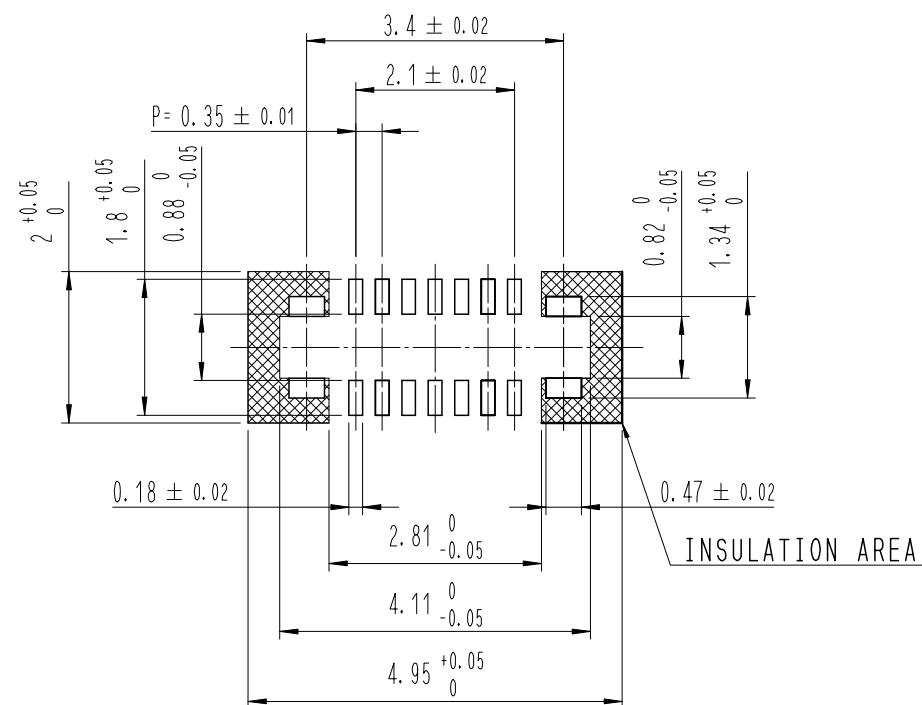
ENGAGEMENT FIGURE (50:1)



| 4              | PS           | CLEAR (EMBOSSED CARRIER TAPE) |                           |            |                      |
|----------------|--------------|-------------------------------|---------------------------|------------|----------------------|
| 3              | COPPER ALLOY | 3                             |                           |            |                      |
| 2              | COPPER ALLOY | 2                             | 6                         | PS         | BLACK (PLASTIC REEL) |
| 1              | LCP          | UL94 V-0, BLACK               | 5                         | POLYESTER  | CLEAR (COVER TAPE)   |
| NO.            | MATERIAL     | FINISH , REMARKS              | NO.                       | MATERIAL   | FINISH , REMARKS     |
| REMARKS        |              |                               | DRAWN                     | DESIGNED   | CHECKED              |
|                |              |                               | S. H. JUNG                | S. H. JUNG | H. W. JO             |
|                |              |                               | 17. 05. 09                | 17. 05. 09 | 17. 05. 09           |
|                |              |                               |                           | APPROVED   | RELEASED             |
|                |              |                               |                           | T. S. KANG | 17. 05. 09           |
| CODE NO. (OLD) | SCALE        | DRAWING NO.                   | PART NO.                  |            |                      |
|                | 10:1         | EDC3-631958                   | BM23PF0.8-14DP-0.35V(895) |            |                      |
|                | UNITS        | HRS HIROSE KOREA CO., LTD.    | CODE NO                   |            |                      |
|                | mm           |                               | CL 6644-0037-4-895        |            |                      |
|                |              |                               |                           |            | 1/3                  |

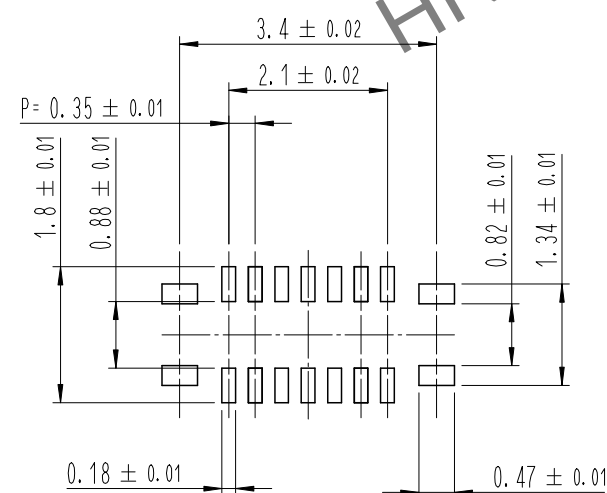
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7 RECOMMENDED PCB LAYOUT

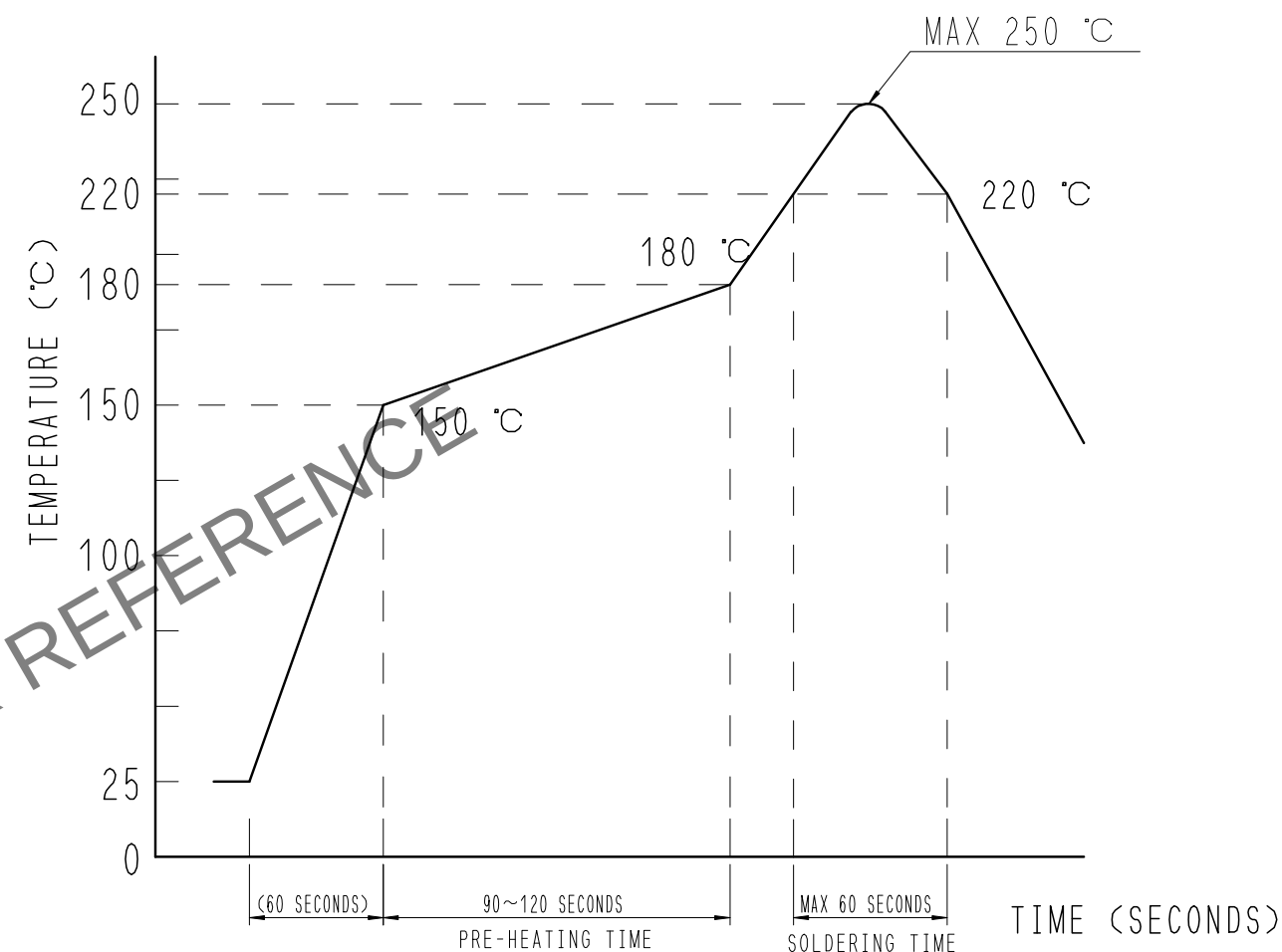


RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS :  $100 \mu\text{m}$



6 RECOMMENDED REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE.



REFLOW METHOD: N2 REFLOW

NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.

1) REFLOW TIME

DURATION ABOVE  $220^{\circ}\text{C}$ : 60 SEC MAX.  
(PEAK TEMPERATURE:  $250^{\circ}\text{C}$  MAX)

2) PRE-HEAT TIME

PRE-HEAT TEMPERATURE(MIN):  $150^{\circ}\text{C}$   
PRE-HEAT TEMPERATURE(MAX):  $180^{\circ}\text{C}$   
PRE-HEAT TIME: 90-120 SEC.

- 6 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE. THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.
- 7 PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

|  |             |             |          |                           |
|--|-------------|-------------|----------|---------------------------|
|  | DRAWING NO. | EDC3-631958 | PART NO. | BM23PF0.8-14DP-0.35V(895) |
|  | SCALE       | 10:1        | CODE NO  | CL 6644-0037-4-895        |
|  | UNITS       | mm          |          |                           |

HIROSE KOREA CO., LTD.

