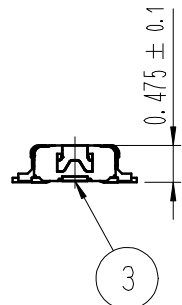
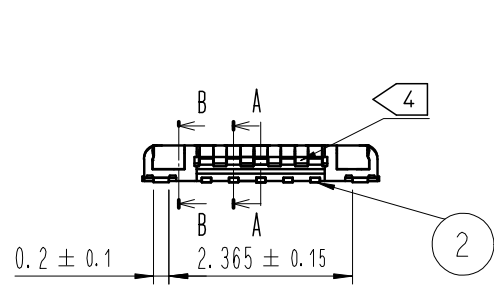
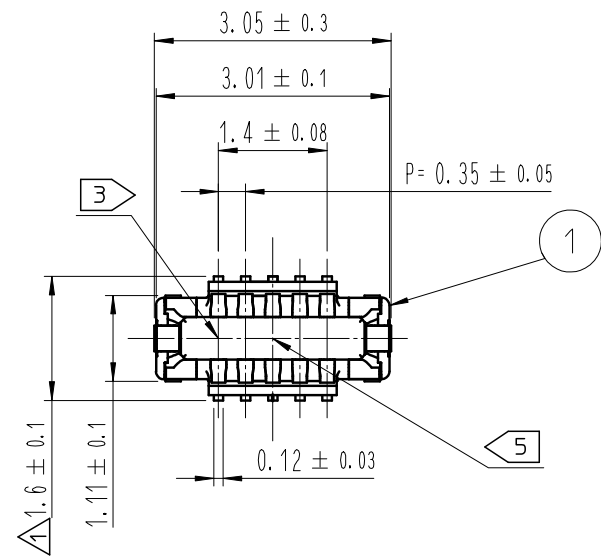
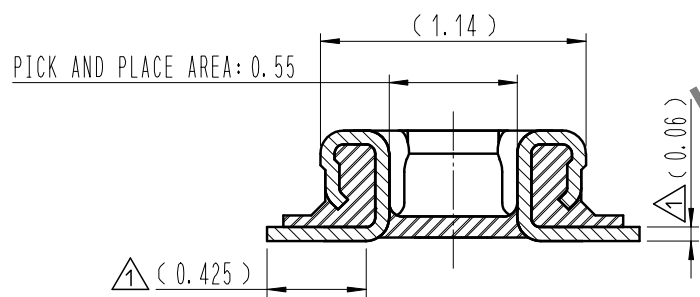


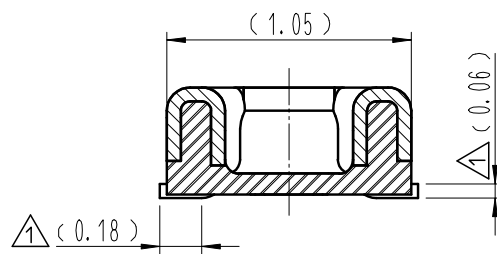
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A-A (30:1)



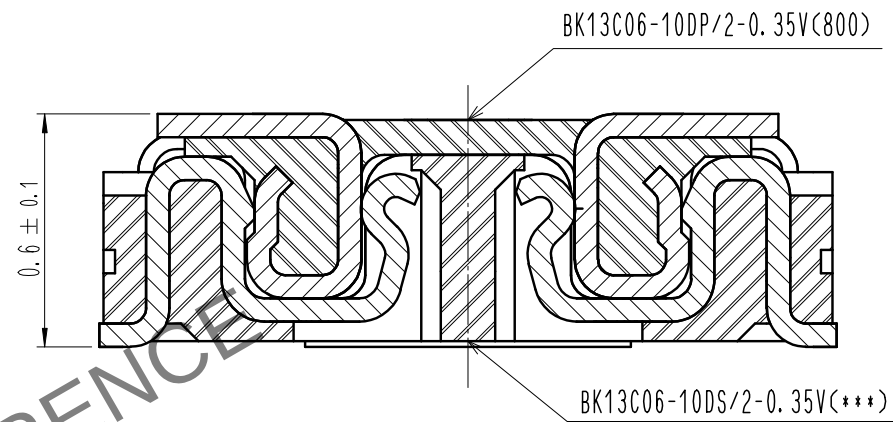
B-B (30:1)



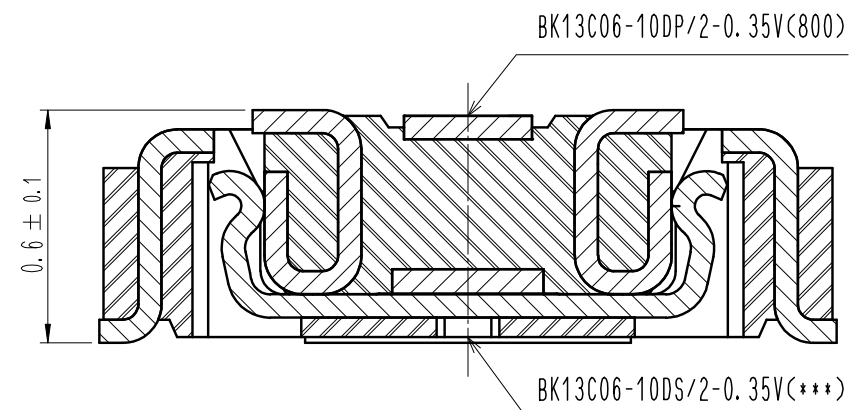
- NOTE
- 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.
  - 2. CONTACT PLATING SPECIFICATIONS  
CONTACT AREA : GOLD 0.05  $\mu$ m MIN  
SMT LEAD : GOLD 0.05  $\mu$ m MIN  
UNDERPLATING : NICKEL 1  $\mu$ m MIN  
( SURFACE : SEALING )
  - 3. CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.
  - 4. A PART OF THE WALL COULD BE NOTCHED
  - 5. DENT EXISTS IN THE INDICATED AREA FOR MANUFACTURING CONVENIENCE.

|   | COUNT | DESCRIPTION OF REVISIONS | B | Y | CHKD | DATE |          | COUNT | DESCRIPTION OF REVISIONS | B | Y | CHKD | DATE |
|---|-------|--------------------------|---|---|------|------|----------|-------|--------------------------|---|---|------|------|
| △ | 9     | RE-6-1980                |   |   | PSH  | JHW  | 20.09.01 | △     |                          |   |   |      |      |
| △ | 2     | RE-6-2032                |   |   | PSH  | JHW  | 20.10.13 | △     |                          |   |   |      |      |
| △ |       |                          |   |   |      |      |          | △     |                          |   |   |      |      |

ENGAGEMENT FIGURE (50:1)



SIGNAL CONTACT

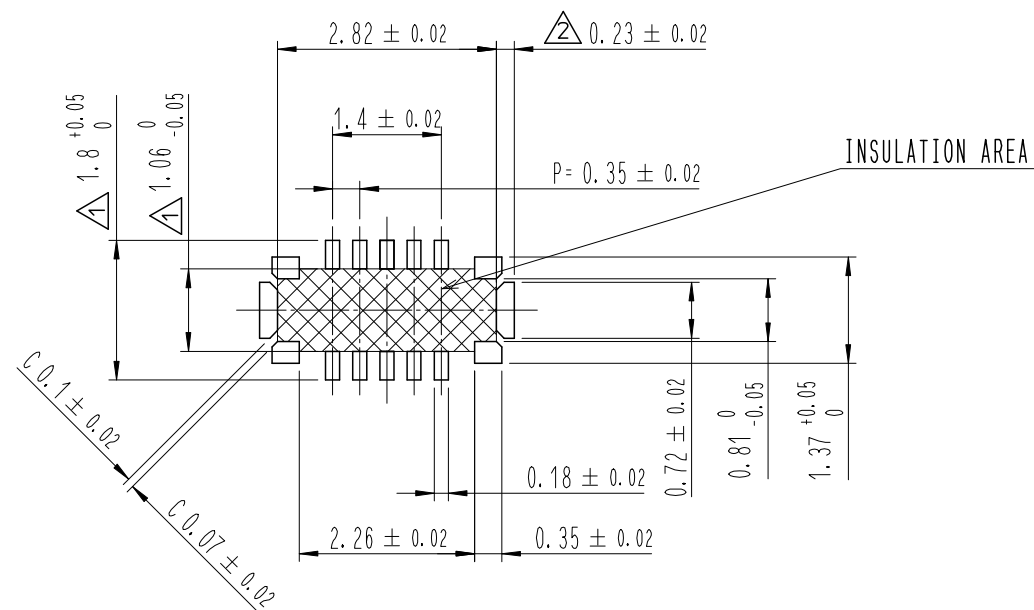


POWER CONTACT

| 4                          | PS           | CLEAR (EMBOSSED CARRIER TAPE) |                                    |            |                      |
|----------------------------|--------------|-------------------------------|------------------------------------|------------|----------------------|
| 3                          | COPPER ALLOY | 2                             |                                    |            |                      |
| 2                          | COPPER ALLOY | 2                             |                                    |            |                      |
| 1                          | LCP          | UL94 V-0, BLACK               | 6                                  | PS         | BLACK (PLASTIC REEL) |
|                            |              |                               | 5                                  | POLYESTER  | CLEAR (COVER TAPE)   |
| NO.                        | MATERIAL     | FINISH , REMARKS              | NO.                                | MATERIAL   | FINISH , REMARKS     |
| REMARKS                    |              |                               | DRAWN                              | DESIGNED   | CHECKED              |
|                            |              |                               | S. H. PARK                         | S. H. PARK | H. W. JO             |
|                            |              |                               | 20. 01. 20                         | 20. 01. 20 | 20. 01. 20           |
|                            |              |                               |                                    | APPROVED   | RELEASED             |
|                            |              |                               |                                    | H. W. JO   | 20. 09. 01           |
|                            |              |                               | PART NO. BK13C06-10DP/2-0.35V(800) |            |                      |
| CODE NO. (OLD)             |              |                               | CODE NO CL 6665-0034-7-800         |            |                      |
| SCALE 10:1                 |              |                               | 1                                  |            |                      |
| UNITS mm                   |              |                               | 3                                  |            |                      |
| DRAWING NO. EDC3-633003-80 |              |                               |                                    |            |                      |
| HRS HIROSE KOREA CO., LTD. |              |                               |                                    |            |                      |

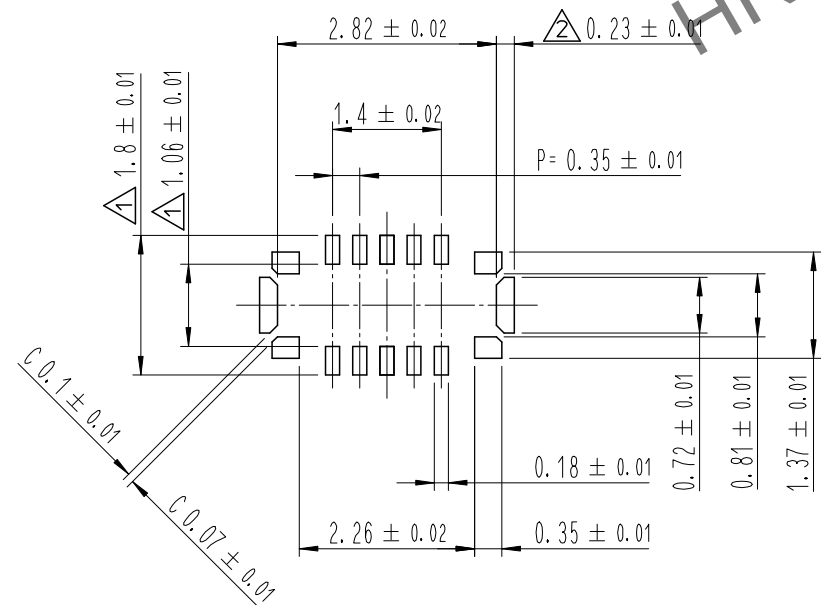
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## 7 RECOMMENDED PCB LAYOUT

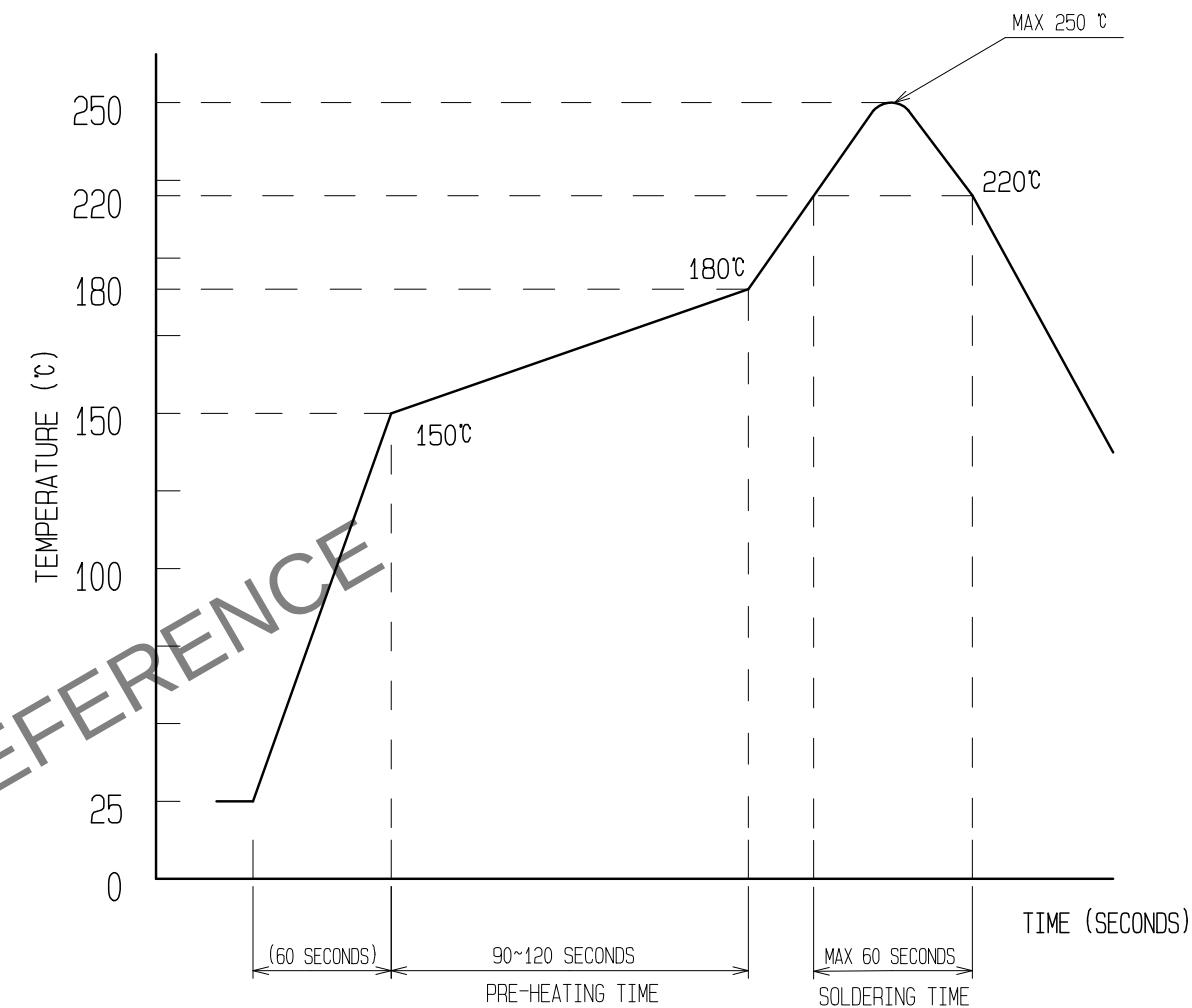


## RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : 80 μm



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

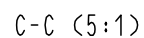
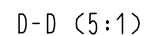


REFLOW METHOD : N<sub>2</sub> REFLOW  
NUMBER OF REFLOW CYCLES : 2 CYCLES MAX.  
1) REFLOW TIME  
DURATION ABOVE 220°C, 60 SEC MAX.  
(PEAK TEMPERATURE : 250°C MAX)  
2) PRE-HEAT TIME  
PRE-HEAT TEMPERATURE(MIN): 150°C  
PRE-HEAT TEMPERATURE(MAX): 180°C  
PRE-HEAT TIME: 90-120 SEC.

- 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.
- 8 THIS PRODUCT SATISFIES HALOGEN FREE REQUIREMENTS DEFINED AS 900ppm MAXIMUM CHLORINE, 900ppm MAXIMUM BROMINE, AND 1500ppm MAXIMUM TOTAL OF CHLORINE AND BROMINE.
- 9 THIS PRODUCT COMPLY WITH RoHS.

|             |                |          |                           |
|-------------|----------------|----------|---------------------------|
| DRAWING NO. | EDC3-633003-80 | PART NO. | BK13C06-10DP/2-0.35V(800) |
| SCALE       | 10:1           | CODE NO  | CL 6665-0034-7-800        |
| UNITS       | mm             |          |                           |

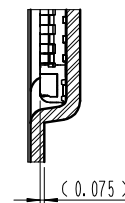
## STYLE AND DIMENSION OF REEL (FREE)



DIRECTION OF UNREELING



E (10:1)



## DETAIL OF PART No. LABEL

|                      |                         |
|----------------------|-------------------------|
| SUPPLIER             |                         |
| QUANTITY             |                         |
| PART NO.             |                         |
| CODE NO.             |                         |
| DATE OF MANUFACTURED |                         |
| 生産月日                 | 年 月 日                   |
| 図番                   | *** **                  |
| 品名                   | BK13C06-10DP/2-0.35VC80 |
| 納入数量                 | 20,000個                 |
| 納入者                  | HIROSE KOREA            |

10 . PER REEL 20,000 CONNECTORS.

11 . THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

12. REFER TO JIS C 0806, IEC-60286-3 (PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)

## TRAILER

LEADER

## 12 TAPING(FREE)

|                                                                                       |                            |                                                                                                              |                                    |                                                                                                              |
|---------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------|
|  | DRAWING NO. EDC3-633003-80 |                                                                                                              | PART NO. BK13C06-10DP/2-0.35V(800) |                                                                                                              |
|                                                                                       | SCALE 10:1<br>UNITS mm     |  HIROSE KOREA CO., LTD. | CODE NO CL 6665-0034-7-800         | <div style="border: 1px solid black; padding: 2px; display: inline-block;">           3<br/>3         </div> |