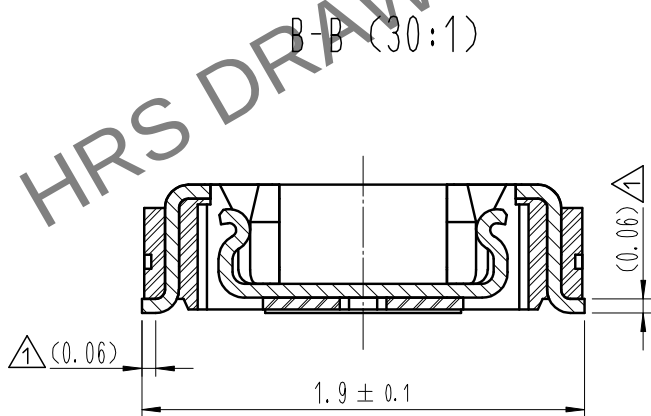
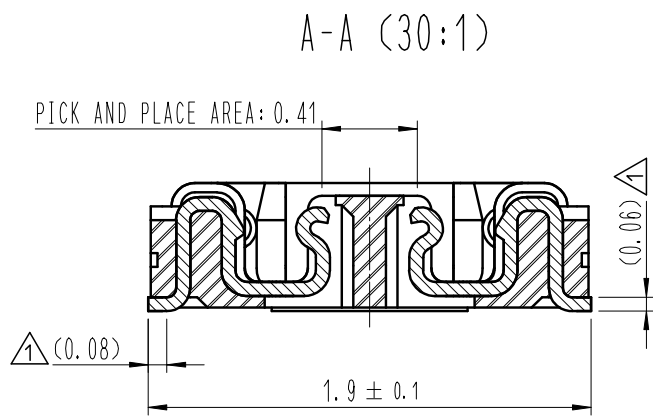
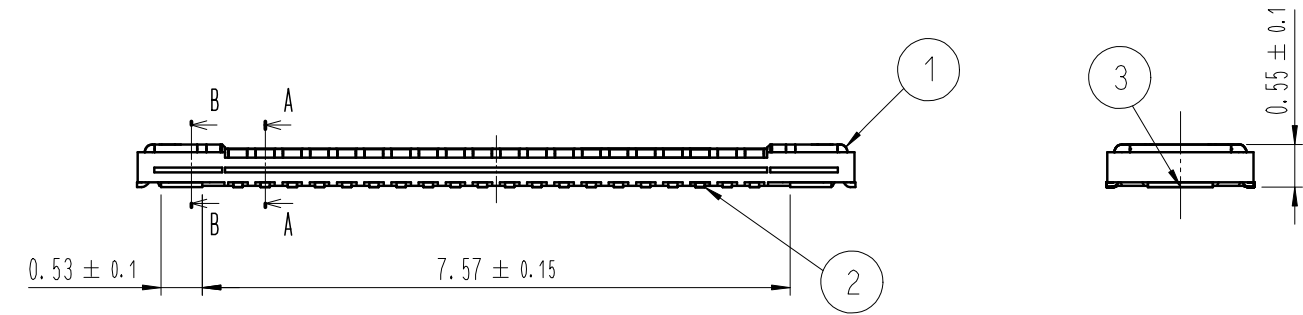
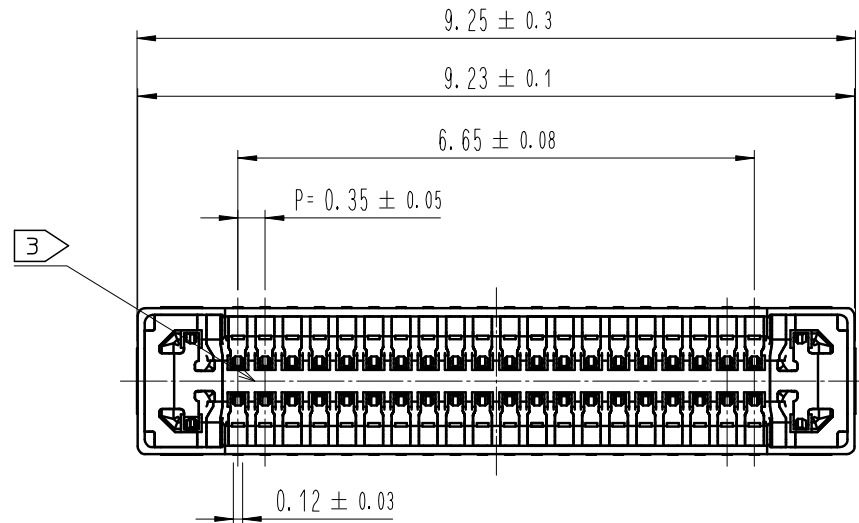


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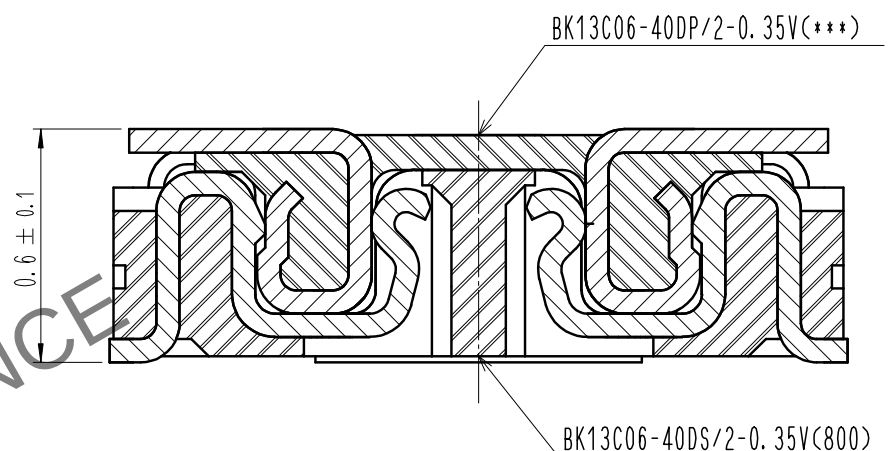
A  
B  
C  
D  
E  
F



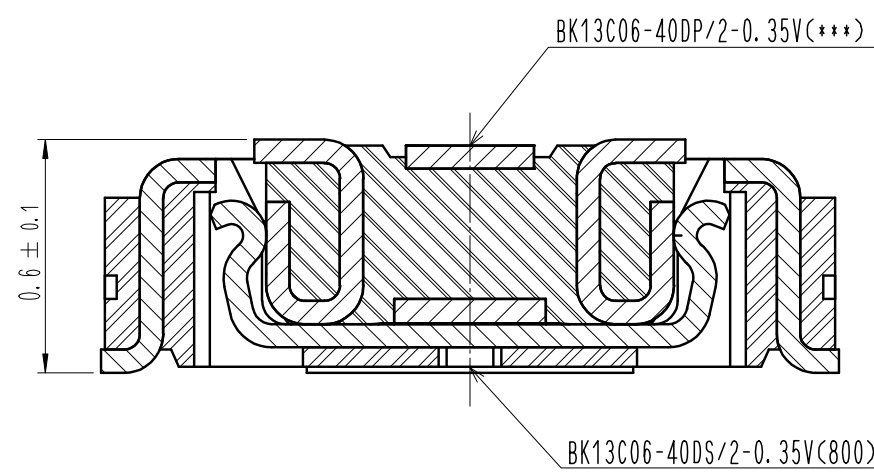
NOTE 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.  
2 CONTACT PLATING SPECIFICATIONS  
CONTACT AREA : GOLD 0.05 μm MIN  
SMT LEAD : GOLD 0.05 μm MIN  
UNDERPLATING : NICKEL 1 μm MIN  
( SURFACE : SEALING )  
3 CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.

|   | COUNT | DESCRIPTION OF REVISIONS | B   | Y   | CHKD | DATE       |   | COUNT | DESCRIPTION OF REVISIONS | B | Y | CHKD | DATE  |
|---|-------|--------------------------|-----|-----|------|------------|---|-------|--------------------------|---|---|------|-------|
| △ | 4     | RE-6-1973                | JHK | JHW |      | 20. 08. 25 | △ |       |                          |   |   |      | . . . |
| △ |       |                          |     |     |      | . . .      | △ |       |                          |   |   |      | . . . |
| △ |       |                          |     |     |      | . . .      | △ |       |                          |   |   |      | . . . |

ENGAGEMENT FIGURE (50:1)



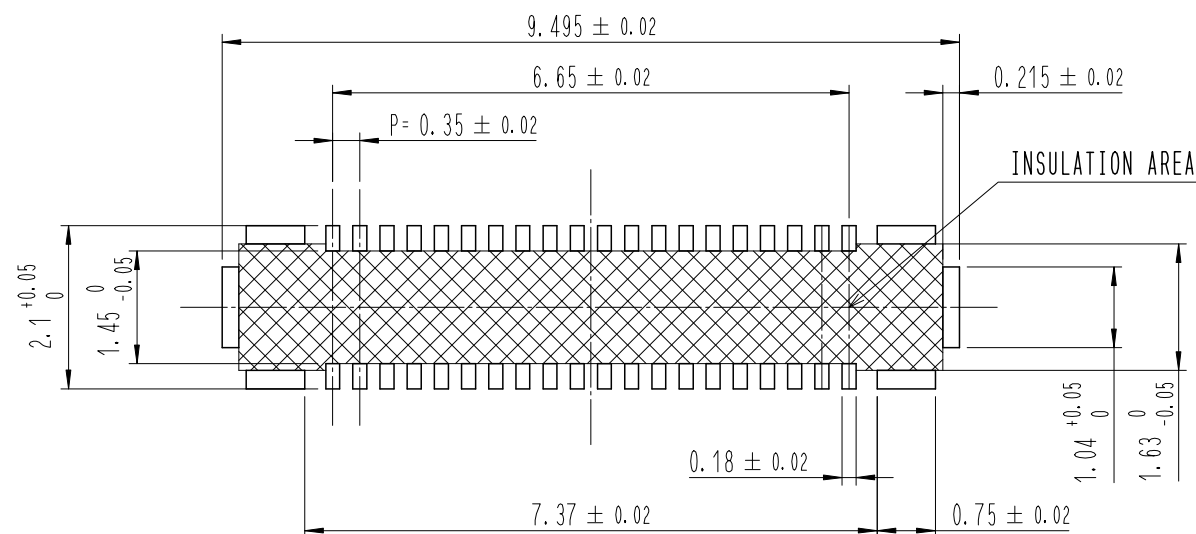
SIGNAL CONTACT



POWER CONTACT

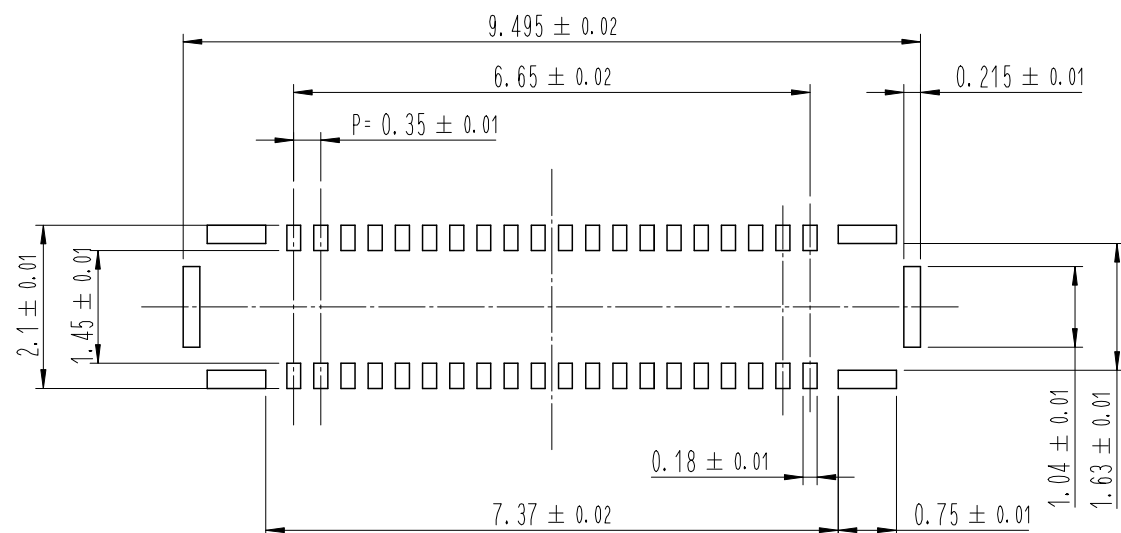
| 4              | PS           | CLEAR (EMBOSSED CARRIER TAPE) |            |                           |                      |            |
|----------------|--------------|-------------------------------|------------|---------------------------|----------------------|------------|
| 3              | 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              | APPROVED   |
|                |              |                               | H. K. JEON | H. K. JEON                | H. W. JO             | H. W. JO   |
|                |              |                               | 19. 12. 24 | 19. 12. 24                | 19. 12. 24           | 19. 12. 24 |
| CODE NO. (OLD) | SCALE 10:1   | DRAWING NO. EDC3-632913-00    | PART NO.   | BK13C06-40DS/2-0.35V(800) |                      |            |
|                | UNITS mm     | HRS HIROSE KOREA CO., LTD.    | CODE NO    | CL 6665-0010-9-800        |                      |            |
|                |              |                               |            |                           |                      | 1/3        |

#### 5 RECOMMENDED PCB LAYOUT

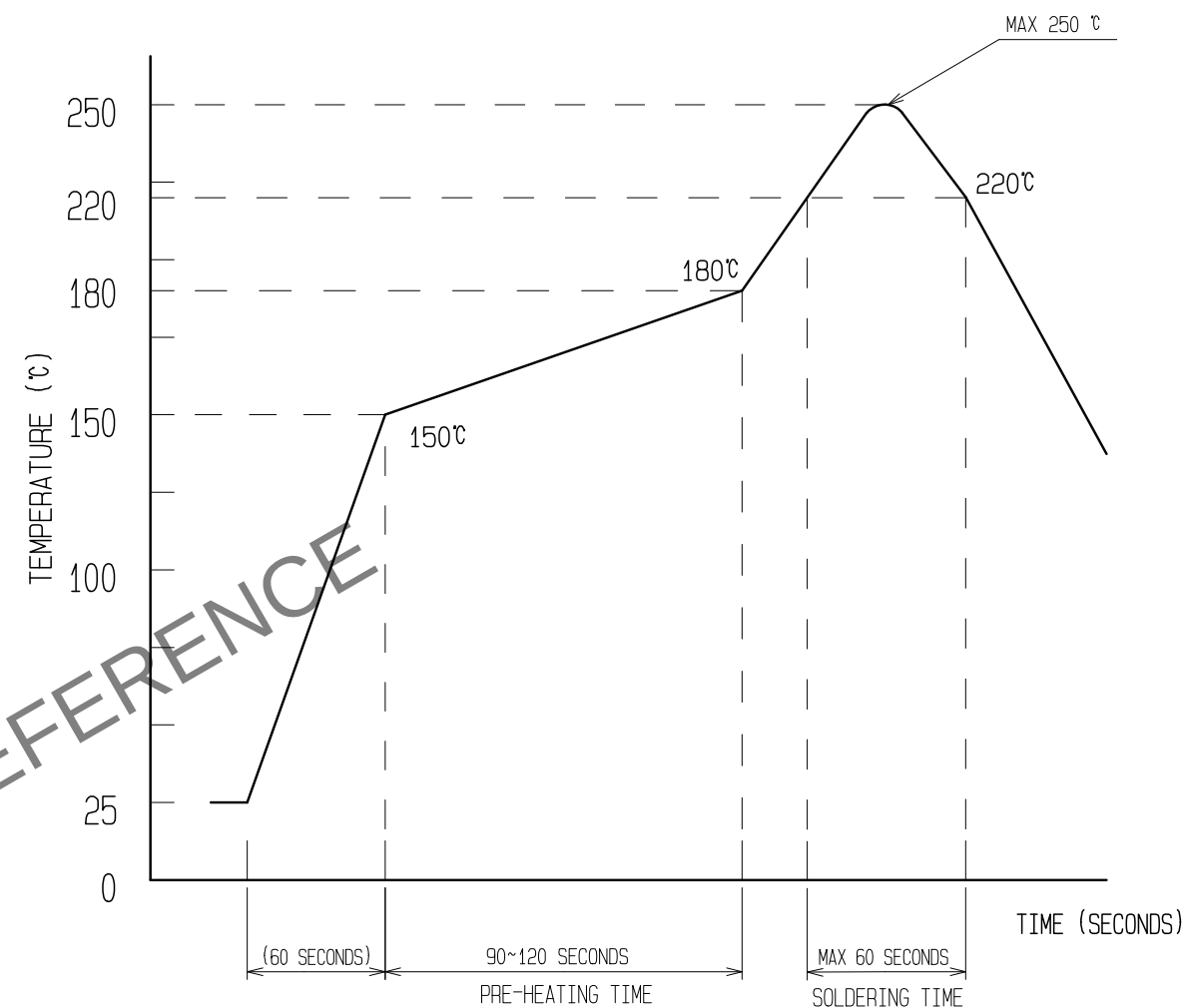


#### RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS :  $80 \mu\text{m}$



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



REFLOW METHOD :  $\text{N}_2$  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.

4. 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.

5. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

6. THIS PRODUCT SATISFIES HALOGEN FREE REQUIREMENTS DEFINED AS 900ppm MAXIMUM CHLORINE, 900ppm MAXIMUM BROMINE, AND 1500ppm MAXIMUM TOTAL OF CHLORINE AND BROMINE.

7. THIS PRODUCT COMPLY WITH RoHS.

|                                                                                       |             |                |          |                           |
|---------------------------------------------------------------------------------------|-------------|----------------|----------|---------------------------|
|  | DRAWING NO. | EDC3-632913-00 | PART NO. | BK13C06-40DS/2-0.35V(800) |
|                                                                                       | SCALE       | 10:1           | CODE NO  | CL 6665-0010-9-800        |
|                                                                                       | UNITS       | mm             |          |                           |

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# EMBOSSED CARRIER TAPE PACKAGING (5:1)

## STYLE AND DIMENSION OF REEL (FREE)

D-D (5:1)

BAR-CODE LABEL

Φ1.5 SPROCKET  
HOLE FAR SIDE

Φ13±0.2

Φ380±2

Φ80±1

25.5±0.5

29.5±1

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   | BK13C06-40DS/2-0.35V(800) |
| 納入数量 | 20,000個                   |
| 納入者  | HIROSE KOREA              |

8 . PER REEL 20,000 CONNECTORS.

9 . THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

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

C-C (5:1)

DIRECTION OF UNREELING

(2.05)

400mm MIN.

100mm MIN.

160mm MIN.

EMPTY COMPONENTS

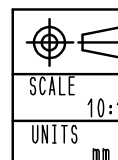
PORTION EQUIPPED WITH CONNECTORS

EMPTY COMPONENTS

TRAILER

LEADER

10 TAPING(FREE)



DRAWING NO.

EDC3-632913-00

PART NO.

BK13C06-40DS/2-0.35V(800)

SCALE

UNITS

HIROSE KOREA CO., LTD.

CODE NO

CL 6665-0010-9-800

3

3