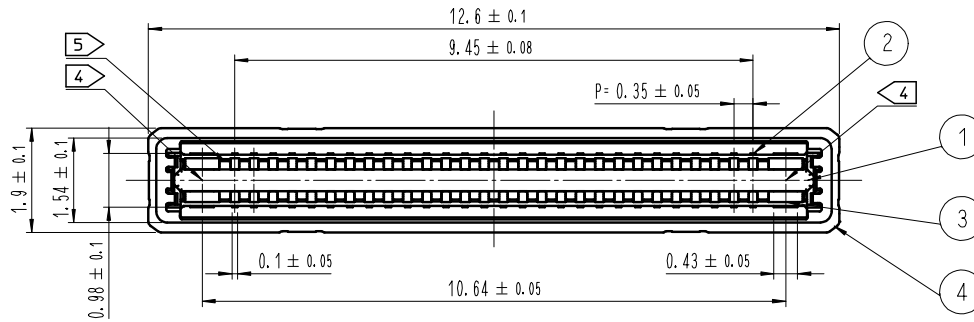
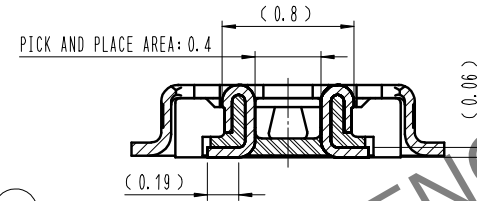
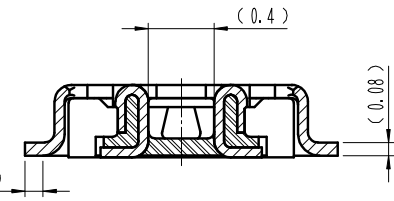


| COUNT | DESCRIPTION OF REVISIONS | B   | Y   | CHKD | DATE     | COUNT | DESCRIPTION OF REVISIONS | B | Y | CHKD | DATE |
|-------|--------------------------|-----|-----|------|----------|-------|--------------------------|---|---|------|------|
| 4     | RE-6-2936                | YJM | JHW |      | 22.11.10 |       |                          |   |   |      |      |
| 7     | RE-6-3066                | YJM | JHW |      | 23.02.23 |       |                          |   |   |      |      |
| 2     | RE-6-3103                | YJM | JHW |      | 23.03.24 |       |                          |   |   |      |      |

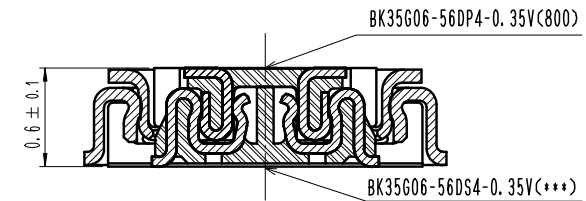
A-A (30:1)



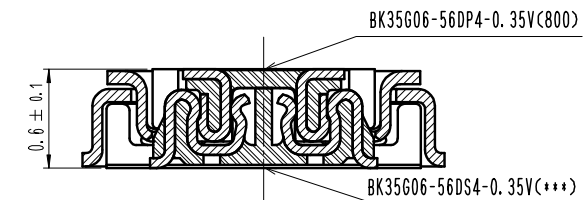
B-B (30:1)



ENGAGEMENT FIGURE (30:1)



△ SIGNAL CONTACT



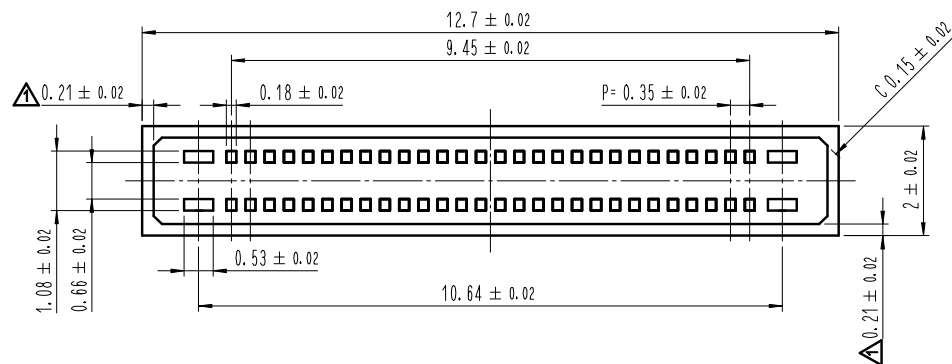
POWER CONTACT

- 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  
(NO GOLD PLATING IS ACCEPTABLE EXCEPT CONTACT POINTS AND SMT LEADS)  
UNDERPLATING : NICKEL 1  $\mu$ m MIN  
(SURFACE : SEALING)
  3. OUTER SHIELD PLATING SPECIFICATIONS  
SMT LEAD : GOLD 0.03  $\mu$ 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

DRAWING FOR REFERENCE  
This is subject to change without notice

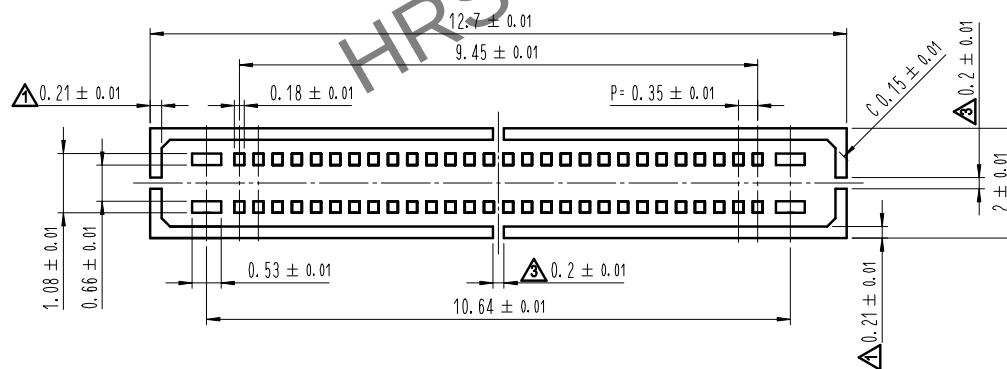
|         |              |   |                  |     |            |            |            |            |            |                         |  |
|---------|--------------|---|------------------|-----|------------|------------|------------|------------|------------|-------------------------|--|
| 4       | COPPER ALLOY | 3 |                  |     |            |            |            |            |            |                         |  |
| 3       | COPPER ALLOY | 2 |                  | 7   | PS         |            |            |            |            | BLACK (PLASTIC REEL)    |  |
| 2       | COPPER ALLOY | 2 |                  | 6   | POLYESTER  |            |            |            |            | CLEAR (COVER TAPE)      |  |
| 1       | LCP          |   | UL94 V-0, BLACK  | 5   | PS         |            |            |            |            | (EMBOSSED CARRIER TAPE) |  |
| NO.     | MATERIAL     |   | FINISH . REMARKS | NO. | MATERIAL   |            |            |            |            | FINISH . REMARKS        |  |
| REMARKS |              |   |                  |     | DRAWN      | DESIGNED   | CHECKED    | APPROVED   | RELEASED   |                         |  |
|         |              |   |                  |     | S. G. PARK | S. G. PARK | H. W. JO   | H. W. JO   | 22. 06. 14 |                         |  |
|         |              |   |                  |     | 22. 06. 14 | 22. 06. 14 | 22. 06. 14 | 22. 06. 14 |            |                         |  |
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## 7 RECOMMENDED PCB LAYOUT

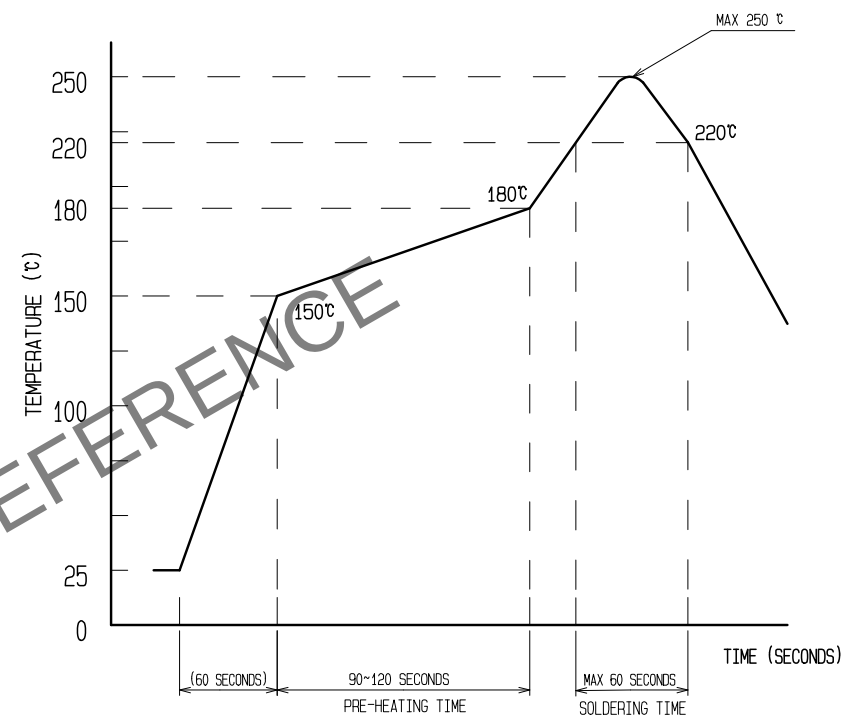


## RECOMMENDED METAL MASK DIMENSIONS

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



## 6 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.

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.

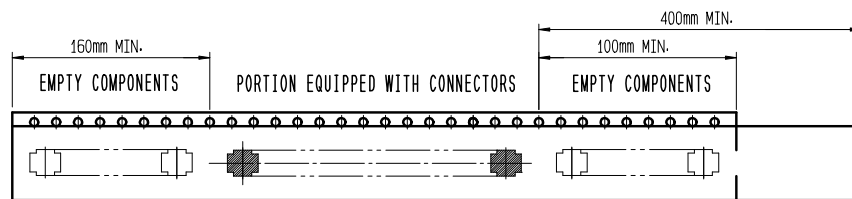
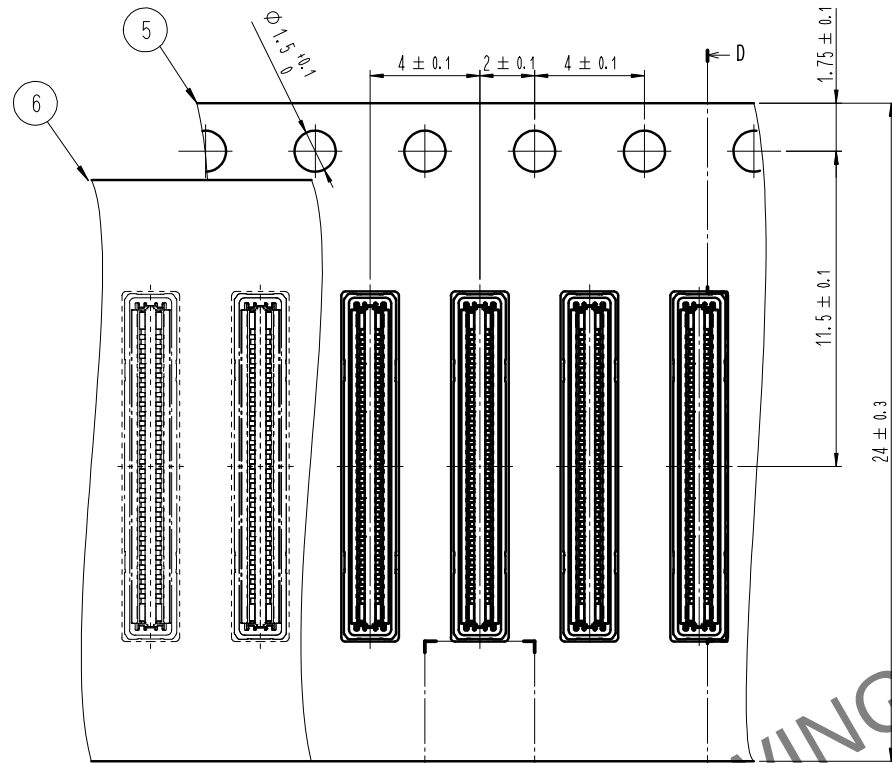
8 THIS PRODUCT SATISFIES HALOGEN FREE REQUIREMENTS DEFINED AS 900ppm MAXIMUM CHLORINE, 900ppm MAXIMUM BROMINE, AND 1500ppm MAXIMUM TOTAL OF CHLORINE AND BROMINE.

9 THIS PRODUCT COMPLY WITH RoHS.

|             |                |          |                          |
|-------------|----------------|----------|--------------------------|
| DRAWING NO. | EDC3-633711-80 | PART NO. | BK35G06-56DP4-0.35V(800) |
| SCALE       | 10:1           | CODE NO. | CL 6695-0001-0-800       |
| UNITS       | mm             |          |                          |

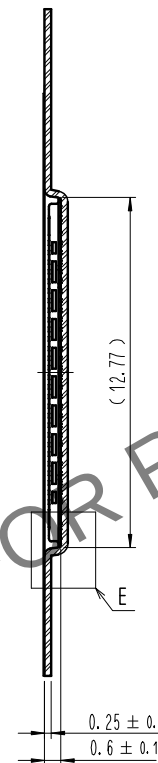
HIROSE KOREA CO., LTD.

# EMBOSSED CARRIER TAPE PACKAGING (5:1)

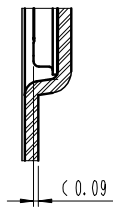


12 TAPING(FREE)

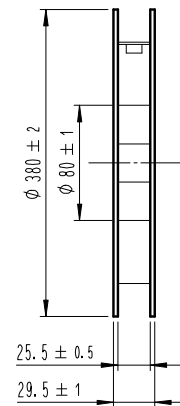
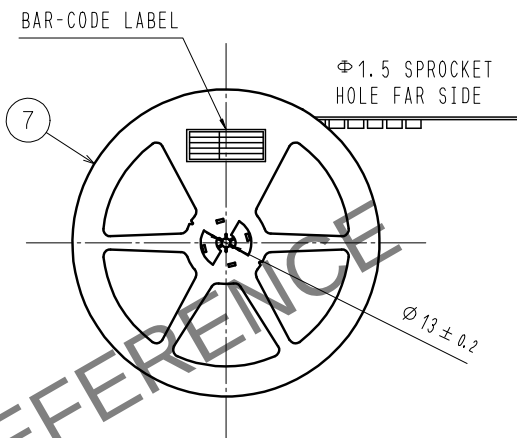
## D-D (5:1)



## E (10:1)



## STYLE AND DIMENSION OF REEL (FREE)



## 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                   | BK35G06-56DP4-0.35V(800) |
| 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)

|             |                        |          |                          |
|-------------|------------------------|----------|--------------------------|
| DRAWING NO. | △EDC3-633711-80        | PART NO. | BK35G06-56DP4-0.35V(800) |
| SCALE       | 10:1                   | CODE NO  | △CL 6695-0001-0-800      |
| UNITS       | mm                     |          |                          |
|             | HIROSE KOREA CO., LTD. |          |                          |