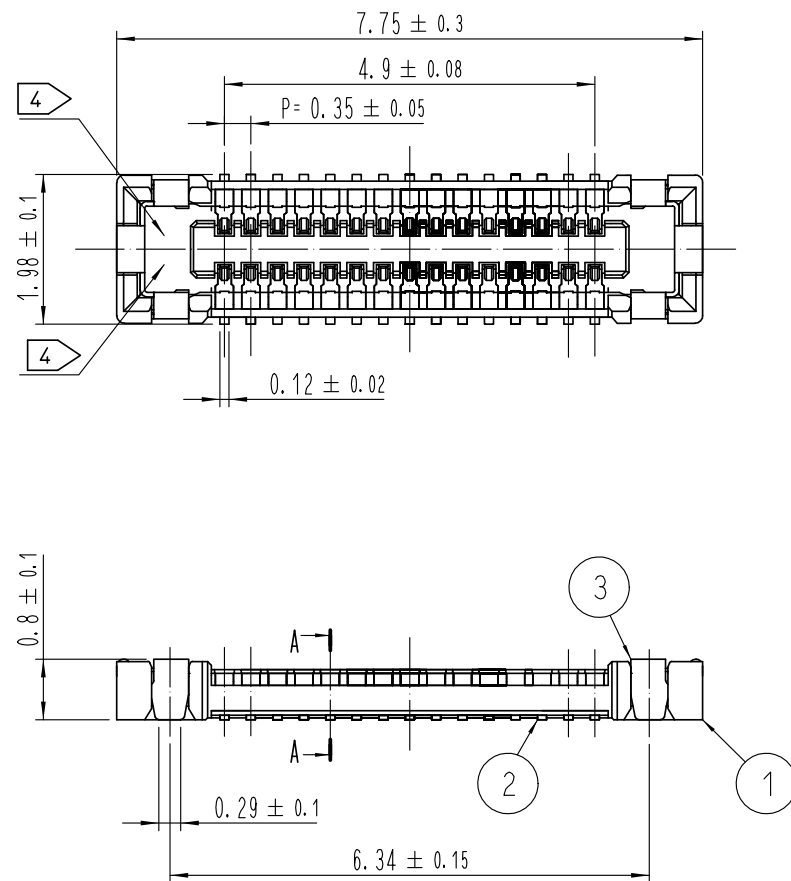


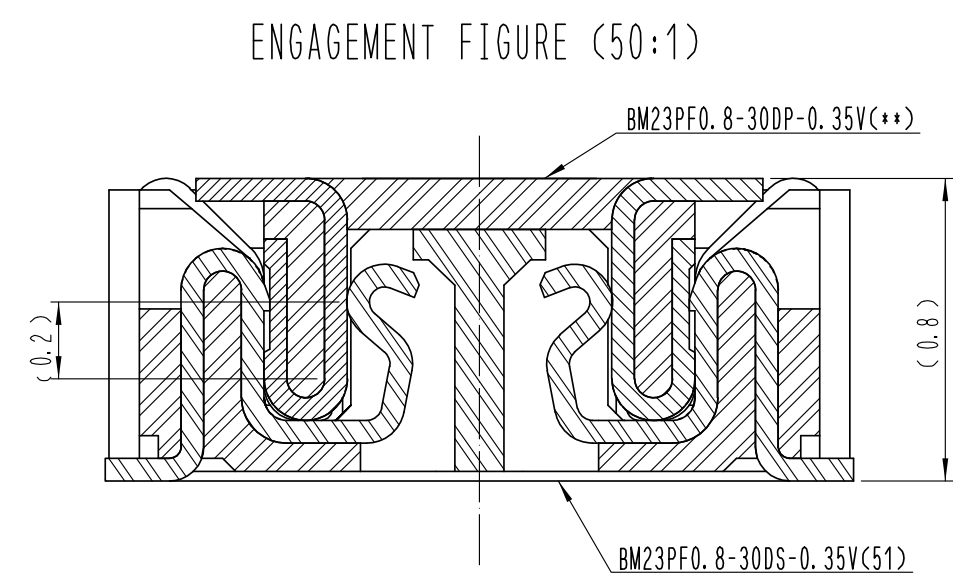
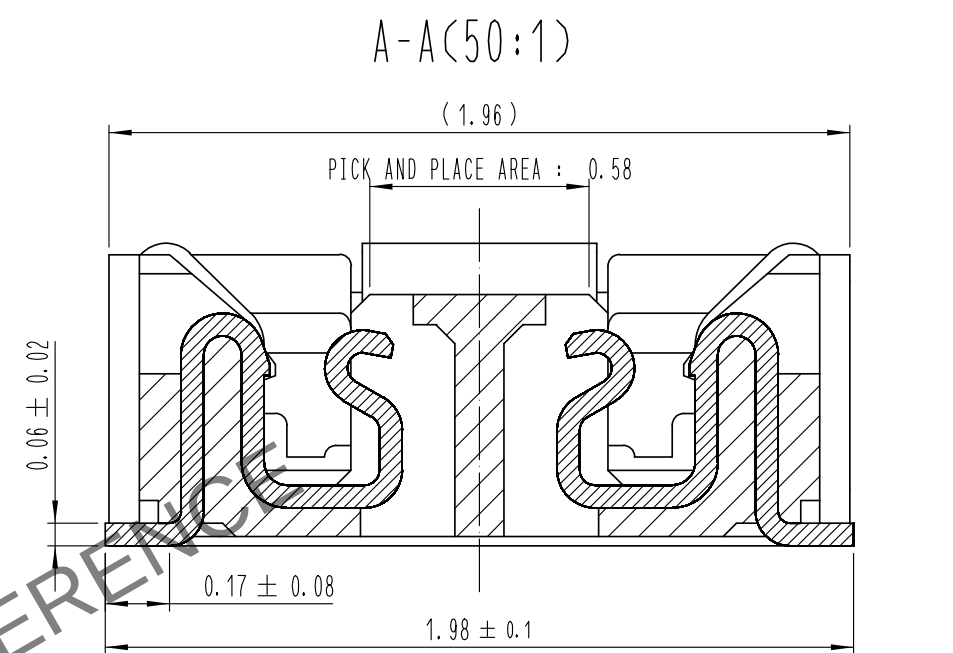
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HRS DRAWING FOR REFERENCE



- NOTE
- 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.
  - 2 CONTACT PLATING SPECIFICATIONS.  
CONTACT AREA : GOLD  $0.05 \mu\text{m}$  MIN.  
SMT LEAD : GOLD  $0.05 \mu\text{m}$  MIN.  
UNDERPLATING : NICKEL  $1 \mu\text{m}$  MIN.  
( SURFACE : SEALING )
  - 3 MATA FITTING PLATING SPECIFICATIONS.  
SMT LEAD : GOLD  $0.05 \mu\text{m}$  MIN.  
UNDERPLATING : NICKEL  $1 \mu\text{m}$  MIN.  
( SURFACE : SEALING )
  - 4 HRS MARK AND CAV NO. IS INDICATED IN APPROX POSITION SHOWN.

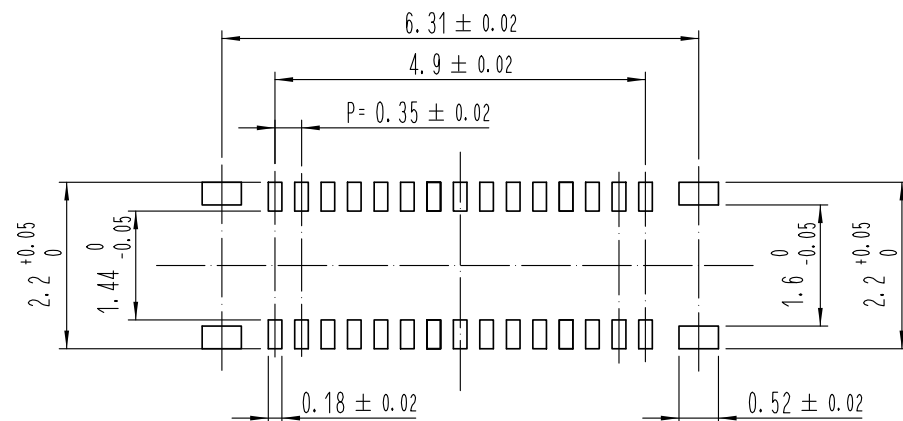
| △數<br>COUNT | 訂正事項<br>DESCRIPTION OF REVISIONS | 擔當<br>B Y | 檢圖<br>CHKD | 年月日<br>DATE | △數<br>COUNT | 訂正事項<br>DESCRIPTION OF REVISIONS | 擔當<br>B Y | 檢圖<br>CHKD | 年月日<br>DATE |
|-------------|----------------------------------|-----------|------------|-------------|-------------|----------------------------------|-----------|------------|-------------|
|             |                                  |           |            |             |             |                                  |           |            |             |
| △           | RE-6-0928                        | PJS       | JHW        | 17. 08. 09  | △           |                                  |           |            |             |
| △           |                                  |           |            |             | △           |                                  |           |            |             |
| △           |                                  |           |            |             | △           |                                  |           |            |             |



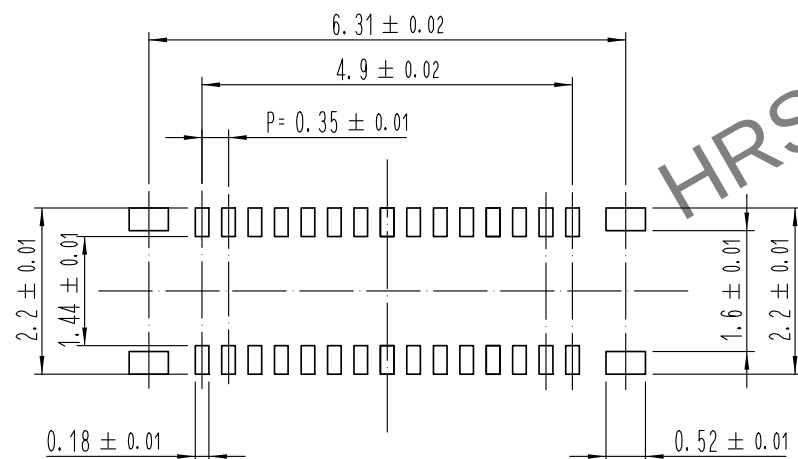
|                |              |                               |                          |                   |                      |
|----------------|--------------|-------------------------------|--------------------------|-------------------|----------------------|
| 4              | PS           | CLEAR (EMBOSSED CARRIER TAPE) |                          |                   |                      |
| 3              | COOPER ALLOY | 3                             |                          |                   |                      |
| 2              | COOPER 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              |
|                |              |                               | Y. J. LEE                | Y. J. LEE         | H. W. JO             |
|                |              |                               | 16. 01. 28               | 16. 01. 28        | 16. 01. 28           |
|                |              |                               |                          | APPROVED          | RELEASED             |
|                |              |                               |                          | T. S. KANG        | 17. 08. 09           |
| CODE NO. (OLD) | SCALE        | DRAWING NO.                   | PART NO.                 |                   |                      |
|                | 10:1         | EDC3-631976                   | BM23PF0.8-30DS-0.35V(51) |                   |                      |
|                | UNITS        | HRS HIROSE KOREA CO., LTD.    | CODE NO                  | CL 6644-0048-0-51 | 1/3                  |

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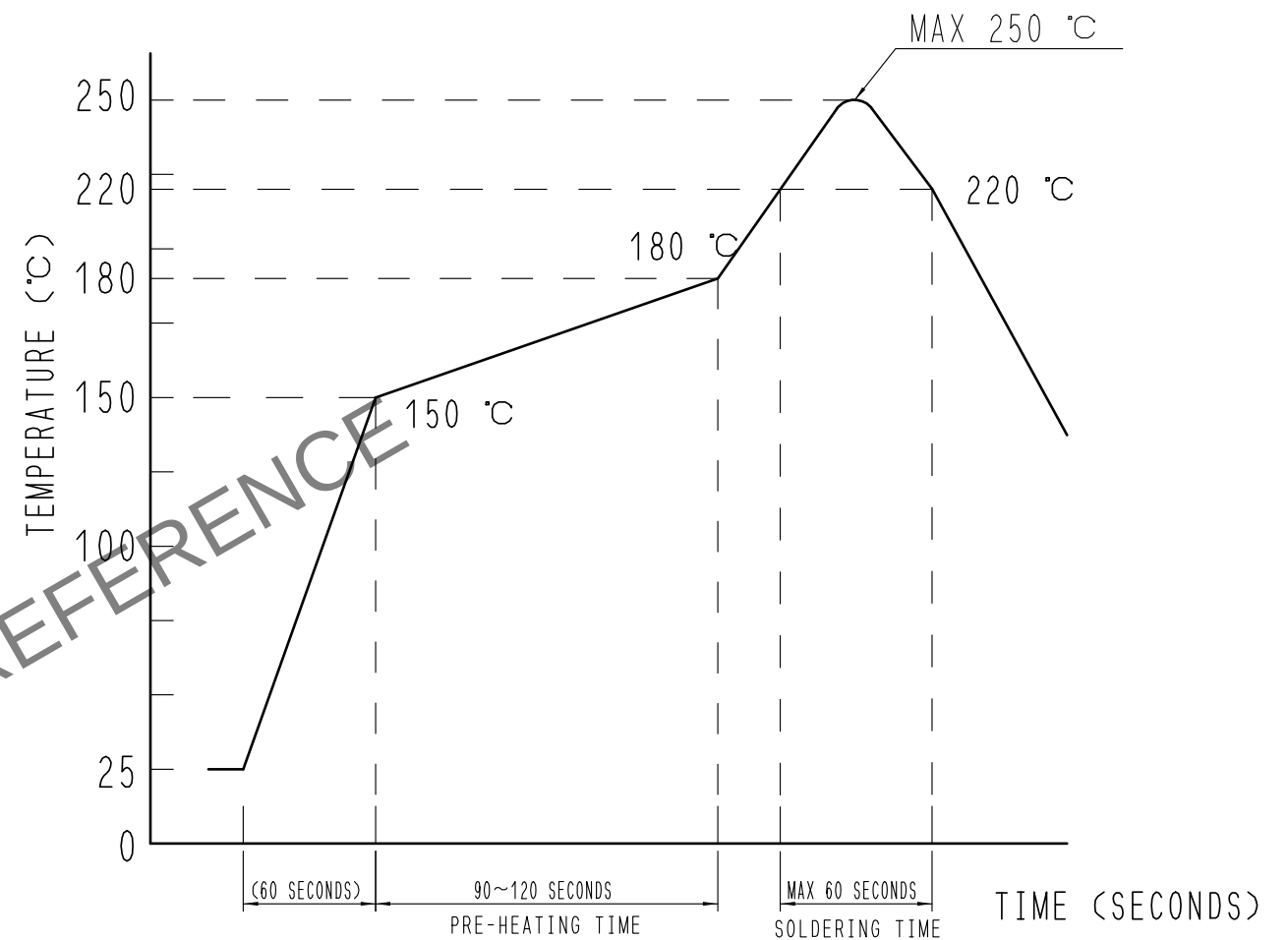
6 RECOMMENDED PCB LAYOUT



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



5 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 $^{\circ}\text{C}$ : 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.

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

|  |             |             |          |                          |
|--|-------------|-------------|----------|--------------------------|
|  | DRAWING NO. | EDC3-631976 | PART NO. | BM23PF0.8-30DS-0.35V(51) |
|  | SCALE       | 10:1        | CODE NO. | CL 6644-0048-0-51        |
|  | UNITS       | mm          |          |                          |

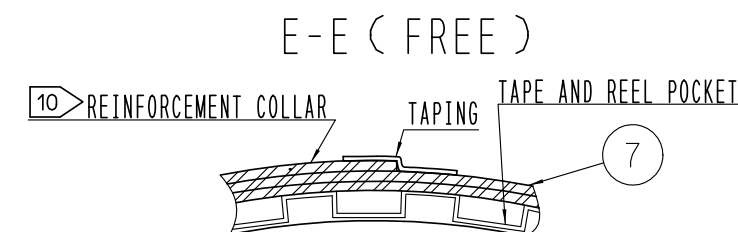
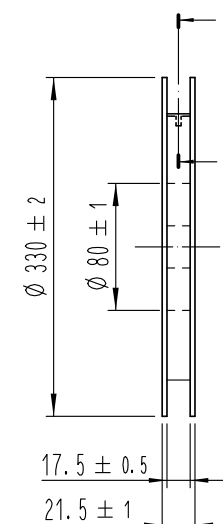
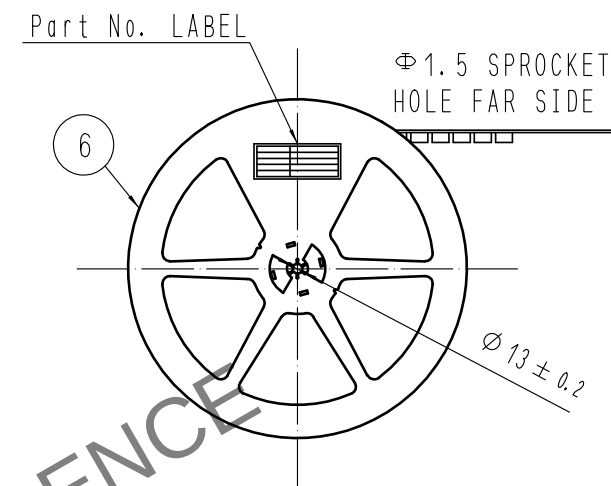
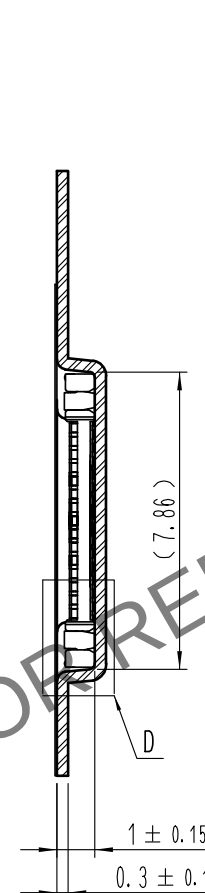
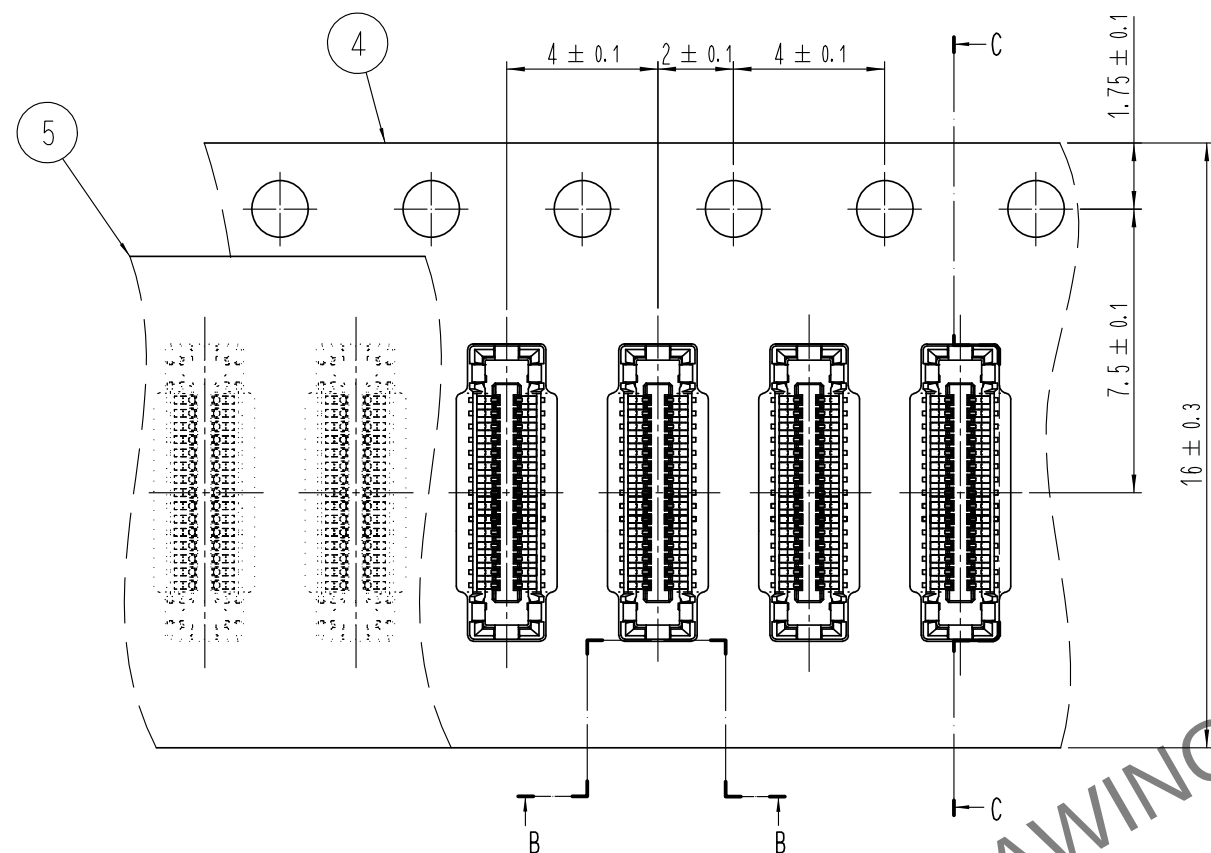
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# EMBOSSED CARRIER TAPE PACKAGING (5:1)

C-C (5:1)

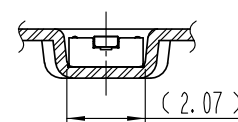
STYLE AND DIMENTION OF REEL (FREE)



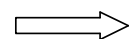
## DETAIL OF PART NO. LABEL

|                      |                           |
|----------------------|---------------------------|
| SUPPLIER             | HIROSE ELECTRIC CO., LTD. |
| QUANTITY             | 10,000                    |
| PART NO.             | BM23PF0.8-30DS-0.35V(51)  |
| CODE NO.             | CL 6644-0048-0-51         |
| DATE OF MANUFACTURED | 2024.05.01                |
| 生産月日                 | 年 月 日                     |
| 図番                   | ** ** *                   |
| 品名                   | BM23PF0.8-30DS-0.35V(51)  |
| 納入数量                 | 10,000個                   |
| 納入者                  | HIROSE KOREA              |

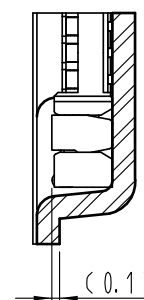
B-B (5:1)



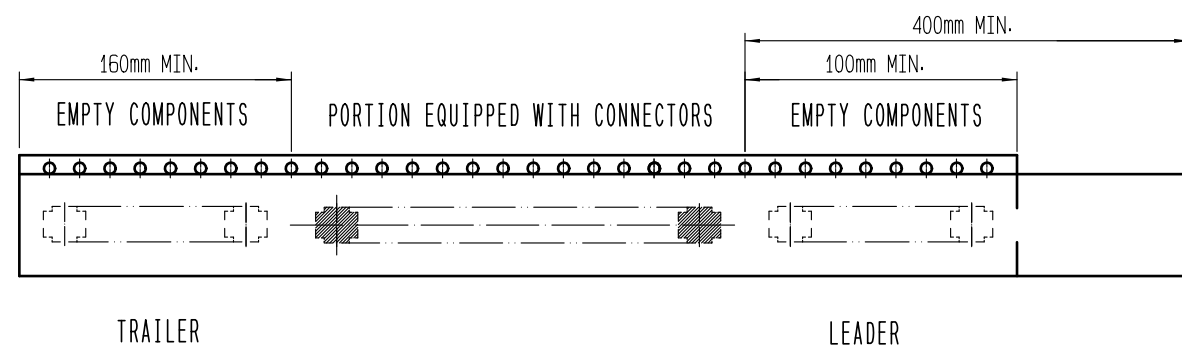
DIRECTION OF UNREELING



D (10:1)



10 TAPING(FREE)



7 . PER REEL 10,000 CONNECTORS.

8 . THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

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

10 AFTER PACKAGING. ROLL 2 METERS OF THE REINFORCEMENT COLLAR TO OUTER CIRCUMFERENCE OF TAPE AND REEL POCKET. AND TAPE DOWN AT THE END THE COLLAR.

|             |             |          |                          |
|-------------|-------------|----------|--------------------------|
| DRAWING NO. | EDC3-631976 | PART NO. | BM23PF0.8-30DS-0.35V(51) |
| SCALE       | 10:1        | CODE NO. | CL 6644-0048-0-51        |
| UNITS       | mm          |          |                          |

HIROSE KOREA CO., LTD.

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