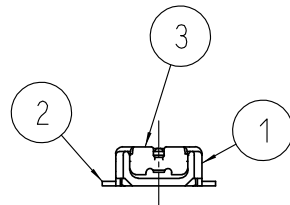
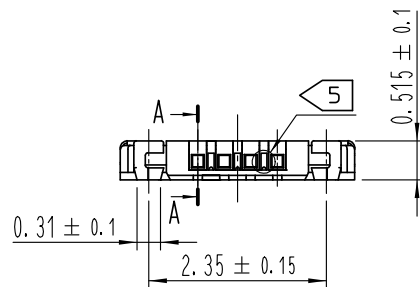
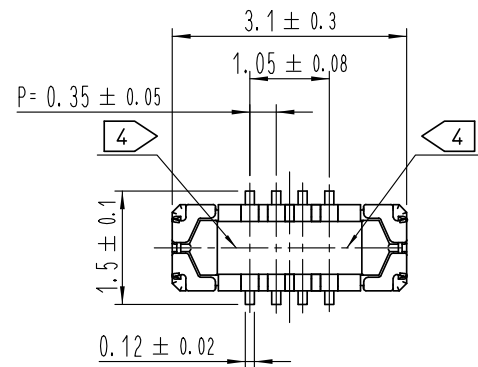
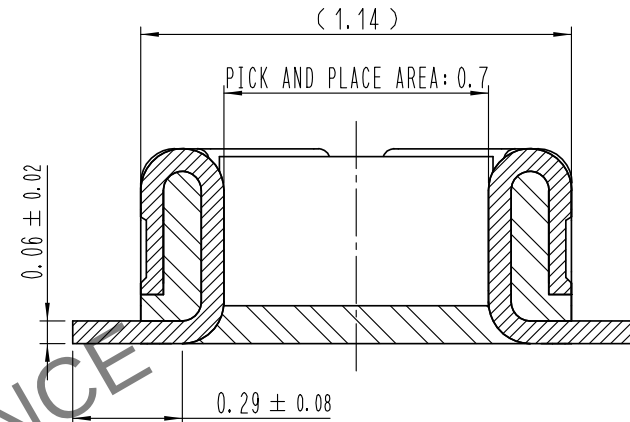


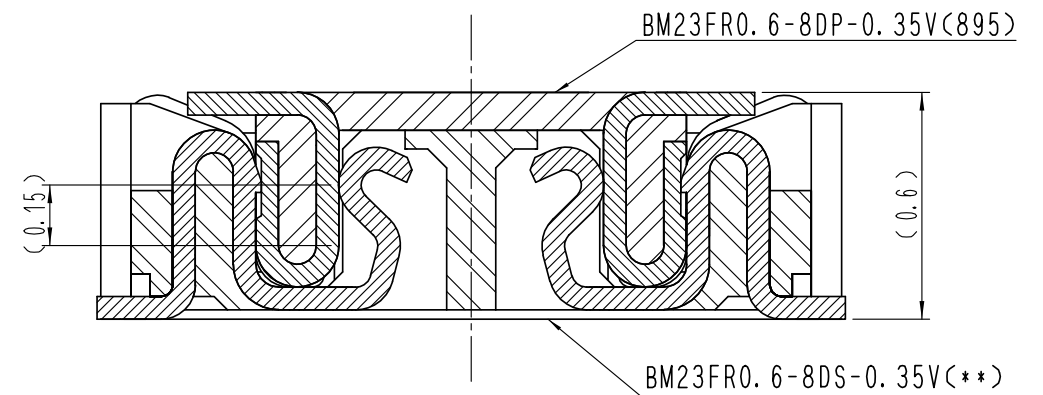
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A-A (50:1)



ENGAGEMENT FIGURE (50:1)



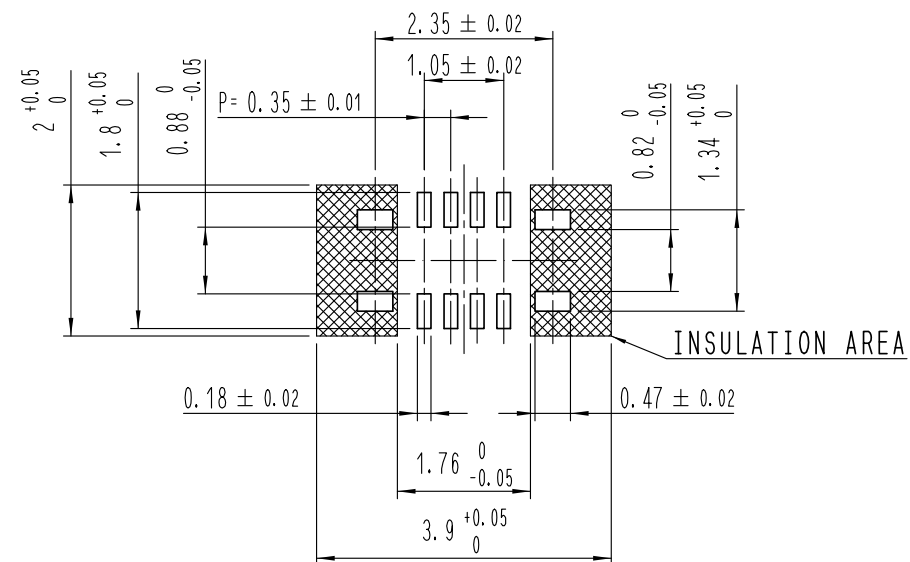
- NOTE
1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.
  2. CONTACT PLATING SPECIFICATIONS.  
CONTACT AREA : GOLD 0.05  $\mu$ m MIN.  
SMT LEAD : GOLD 0.05  $\mu$ m MIN.  
UNDER PLATING : NICKEL 1  $\mu$ m MIN.  
( SURFACE : SEALING )
  3. METAL FITTING PLATING SPECIFICATIONS.  
SMT LEAD : GOLD 0.05  $\mu$ 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.

|   | COUNT | DESCRIPTION OF REVISIONS | B | Y | CHKD | DATE |  | COUNT | DESCRIPTION OF REVISIONS | B | Y | CHKD | DATE |
|---|-------|--------------------------|---|---|------|------|--|-------|--------------------------|---|---|------|------|
| △ |       |                          |   |   |      |      |  | △     |                          |   |   |      |      |
| △ |       |                          |   |   |      |      |  | △     |                          |   |   |      |      |
| △ |       |                          |   |   |      |      |  | △     |                          |   |   |      |      |

|                |              |                               |                          |          |                  |  |  |            |                    |                              |            |            |  |     |
|----------------|--------------|-------------------------------|--------------------------|----------|------------------|--|--|------------|--------------------|------------------------------|------------|------------|--|-----|
| 4              | PS           | CLEAR (EMBOSSED CARRIER TAPE) |                          |          |                  |  |  | 7          | PS                 | CLEAR (REINFORCEMENT COLLAR) |            |            |  |     |
| 3              | COPPER ALLOY | 3                             |                          |          |                  |  |  | 6          | PS                 | BLACK (PLASTIC REEL)         |            |            |  |     |
| 2              | COPPER ALLOY | 2                             |                          |          |                  |  |  | 5          | POLYESTER          | CLEAR (COVER TAPE)           |            |            |  |     |
| 1              | LCP          | UL94 V-0, BLACK               |                          |          |                  |  |  |            |                    |                              |            |            |  |     |
| NO.            | MATERIAL     | FINISH , REMARKS              | NO.                      | MATERIAL | FINISH , REMARKS |  |  |            |                    |                              |            |            |  |     |
| REMARKS        |              |                               |                          |          |                  |  |  | DRAWN      | DESIGNED           | CHECKED                      | APPROVED   | RELEASED   |  |     |
|                |              |                               |                          |          |                  |  |  | J. S. PARK | J. S. PARK         | H. W. JO                     | T. S. KANG | 17. 08. 09 |  |     |
|                |              |                               |                          |          |                  |  |  | 17. 08. 09 | 17. 08. 09         | 17. 08. 09                   | 17. 08. 09 |            |  |     |
| CODE NO. (OLD) | SCALE        | DRAWING NO.                   | PART NO.                 |          |                  |  |  |            | CODE NO            |                              |            |            |  |     |
|                | 10:1         | EDC3-632160                   | BM23FR0.6-8DP-0.35V(895) |          |                  |  |  |            | CL 6644-0074-0-895 |                              |            |            |  | 1/3 |
|                | UNITS        | HRS HIROSE KOREA CO., LTD.    |                          |          |                  |  |  |            |                    |                              |            |            |  |     |
|                | mm           |                               |                          |          |                  |  |  |            |                    |                              |            |            |  |     |

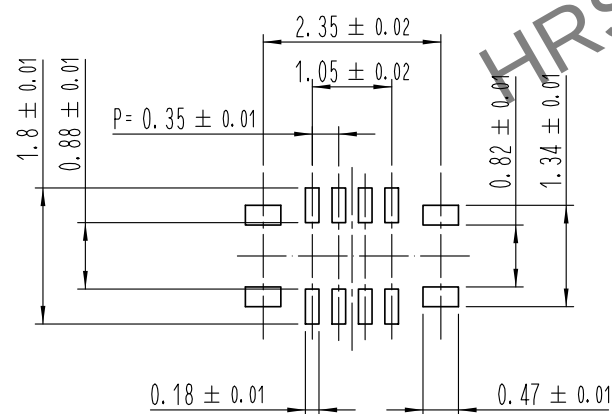
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## 7 RECOMMENDED PCB LAYOUT

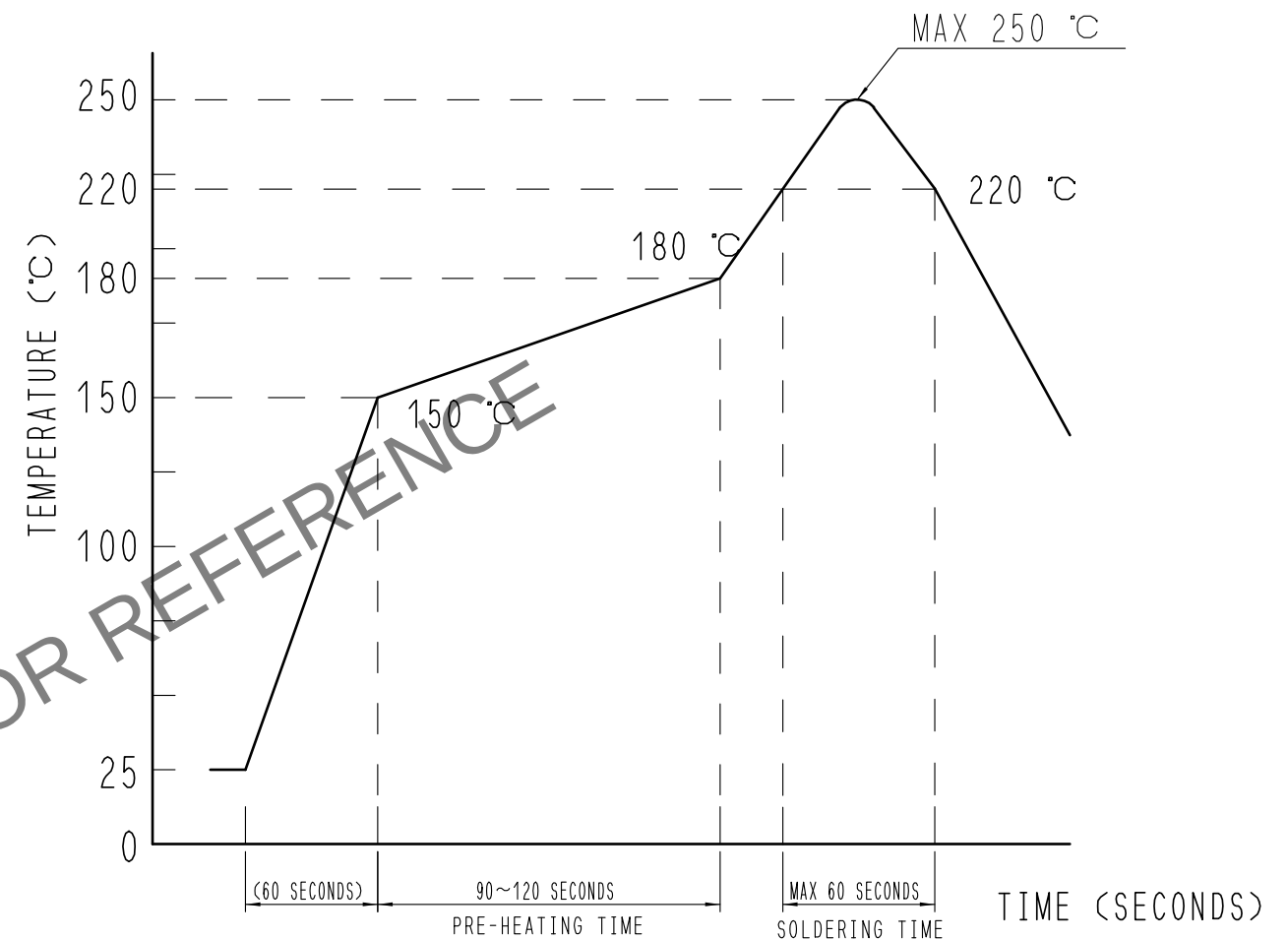


## RECOMMENDED METAL MASK DIMENSIONS

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



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



REFLOW METHOD:  $\text{N}_2$  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 $^{\circ}\text{C}$

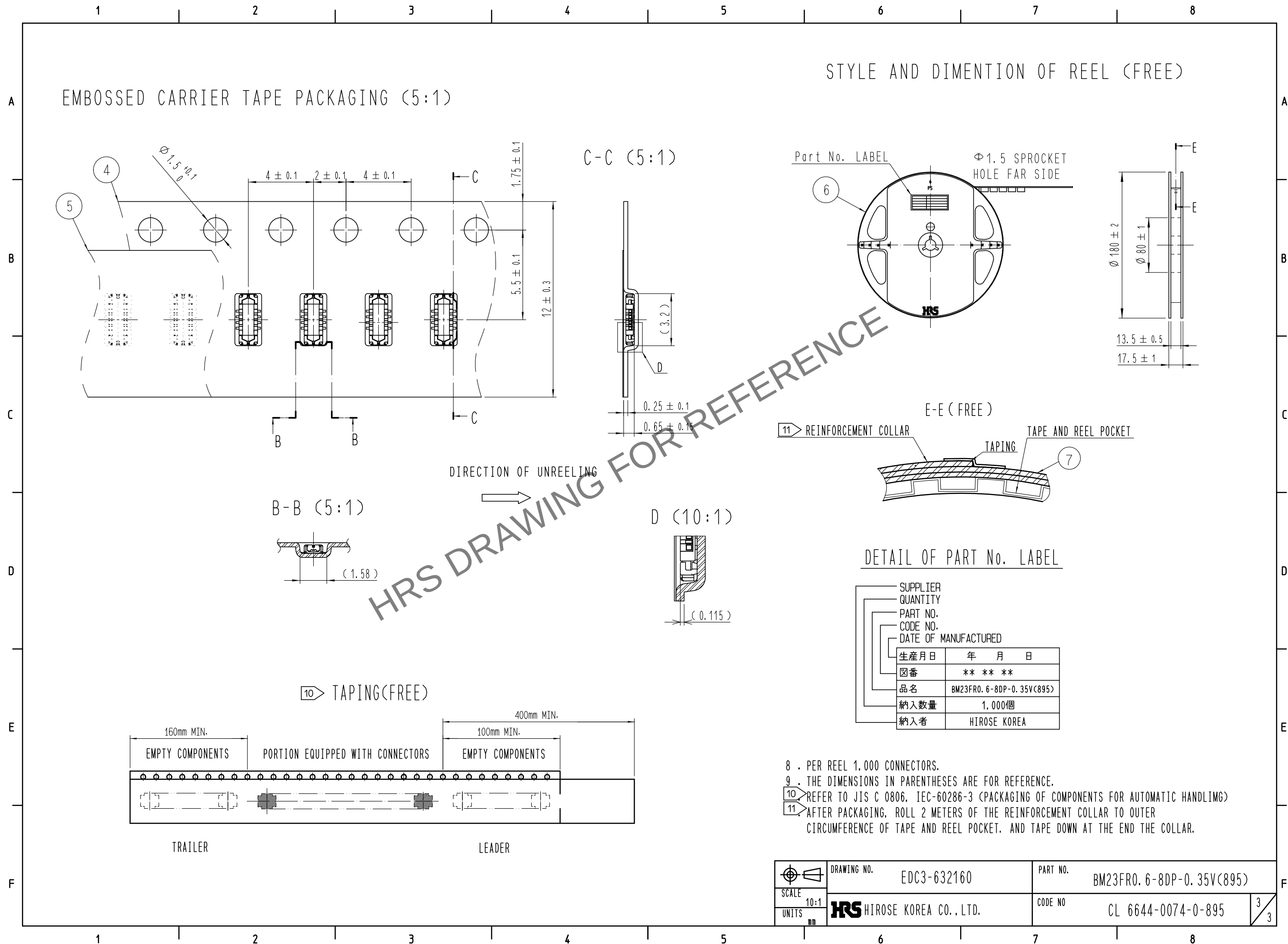
PRE-HEAT TIME: 90-120 SEC.

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. | EDC3-632160 | PART NO. | BM23FR0.6-8DP-0.35V(895) |
|  | SCALE       | 10:1        | CODE NO  | CL 6644-0074-0-895       |
|  | UNITS       | mm          |          | 2/3                      |

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|       |             |                                   |          |                            |
|-------|-------------|-----------------------------------|----------|----------------------------|
|       | DRAWING NO. | EDC3-632160                       | PART NO. | BM23FR0. 6-8DP-0. 35V(895) |
| SCALE | 10:1        | <b>HRS</b> HIROSE KOREA CO., LTD. |          |                            |
| UNITS | mm          |                                   |          |                            |
|       |             |                                   | CODE NO  | CL 6644-0074-0-895         |
|       |             |                                   |          | 3/3                        |