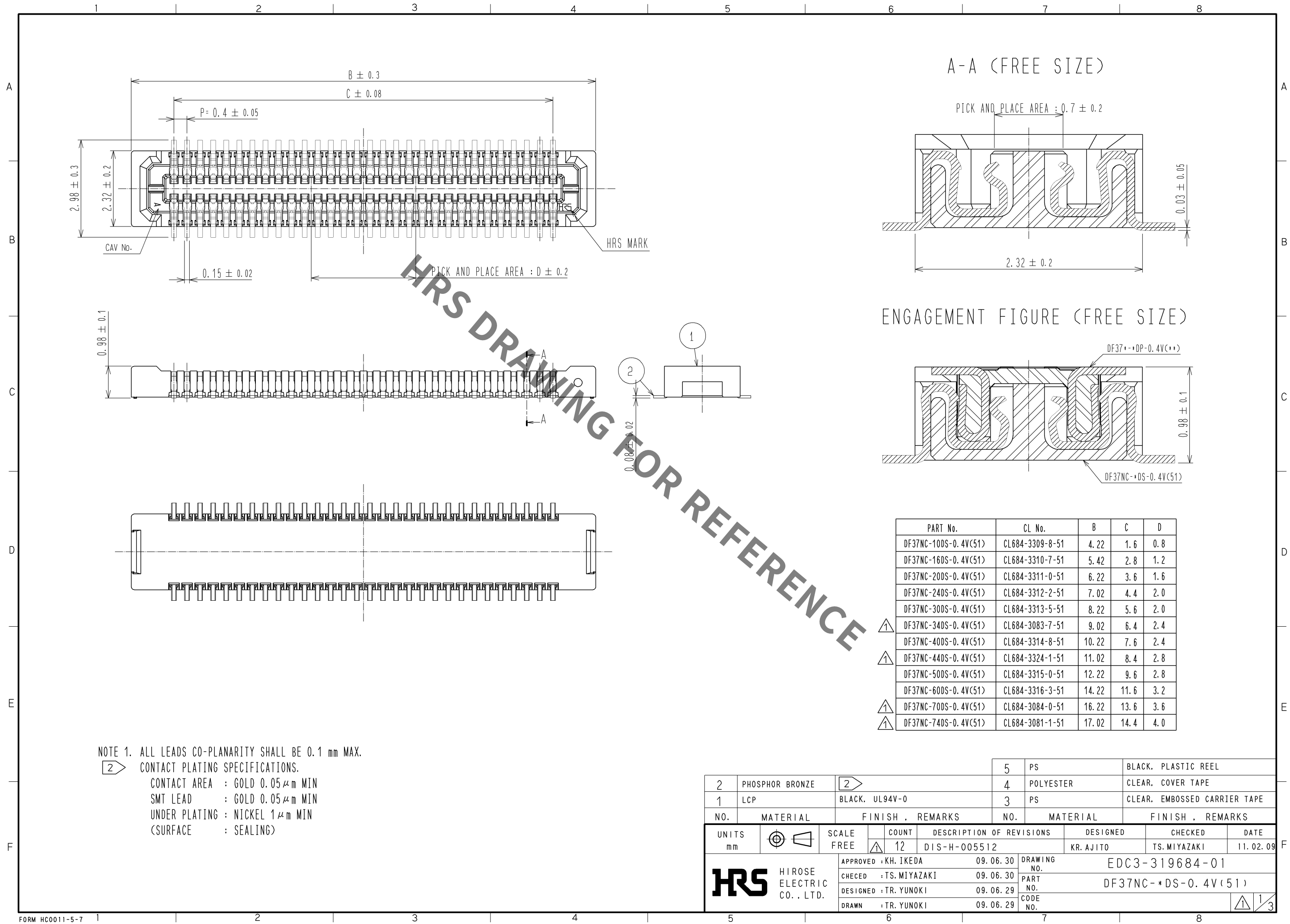
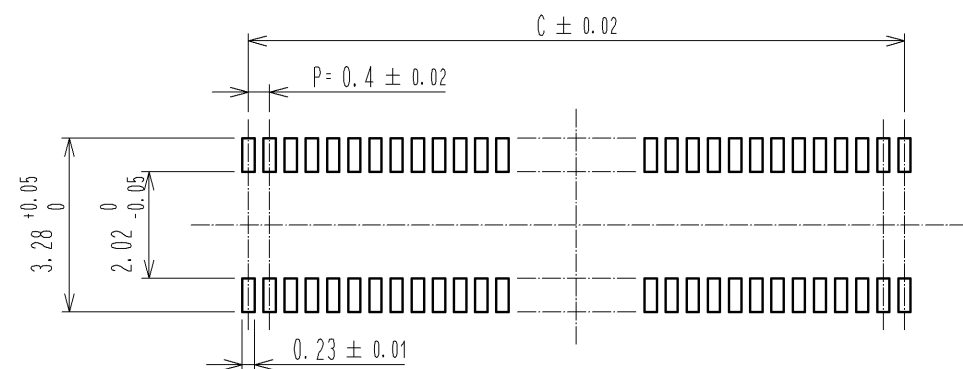


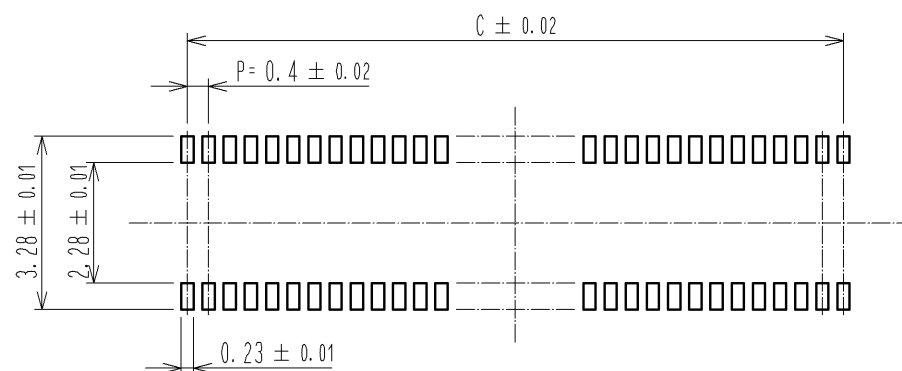
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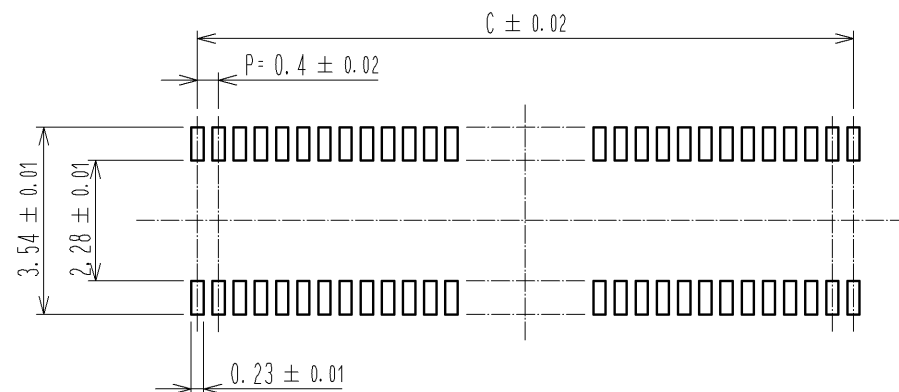
◆ RECOMMENDED PCB LAYOUT (MOUNTING SURFACE SIDE)



◆ RECOMMENDED METAL MASK DIMENSIONS  
METAL MASK THICKNESS : 0.12mm

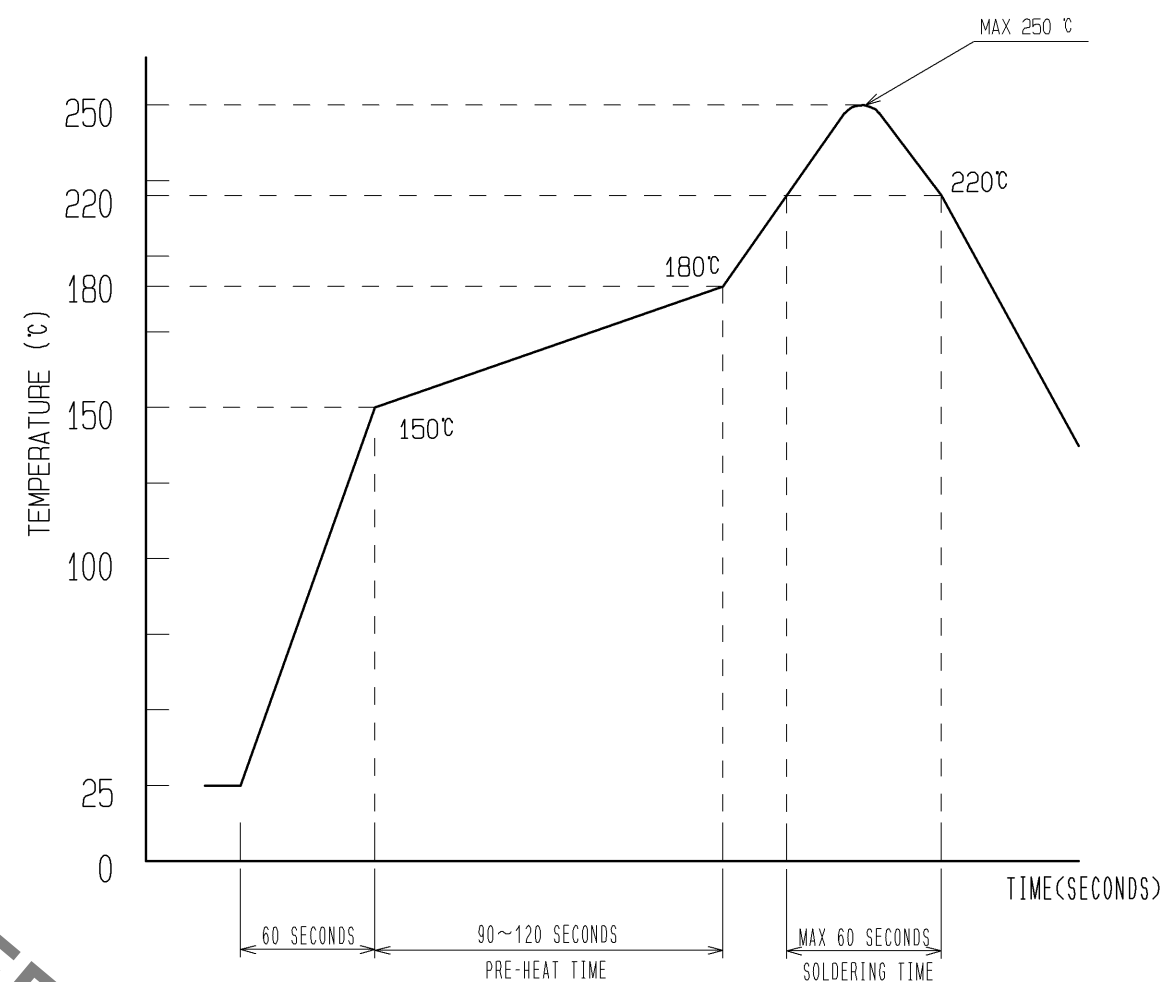


◆ RECOMMENDED METAL MASK DIMENSIONS  
METAL MASK THICKNESS : 0.1mm



| PART No.             | C    |
|----------------------|------|
| DF37NC-10DS-0.4V<51> | 1.6  |
| DF37NC-16DS-0.4V<51> | 2.8  |
| DF37NC-20DS-0.4V<51> | 3.6  |
| DF37NC-24DS-0.4V<51> | 4.4  |
| DF37NC-30DS-0.4V<51> | 5.6  |
| DF37NC-34DS-0.4V<51> | 6.4  |
| DF37NC-40DS-0.4V<51> | 7.6  |
| DF37NC-44DS-0.4V<51> | 8.4  |
| DF37NC-50DS-0.4V<51> | 9.6  |
| DF37NC-60DS-0.4V<51> | 11.6 |
| DF37NC-70DS-0.4V<51> | 13.6 |
| DF37NC-74DS-0.4V<51> | 14.4 |

③ RECOMMENDED REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE.



1) REFLOW TIME  
REFLOW METHOD: IR REFLOW  
NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.  
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.

③ 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.

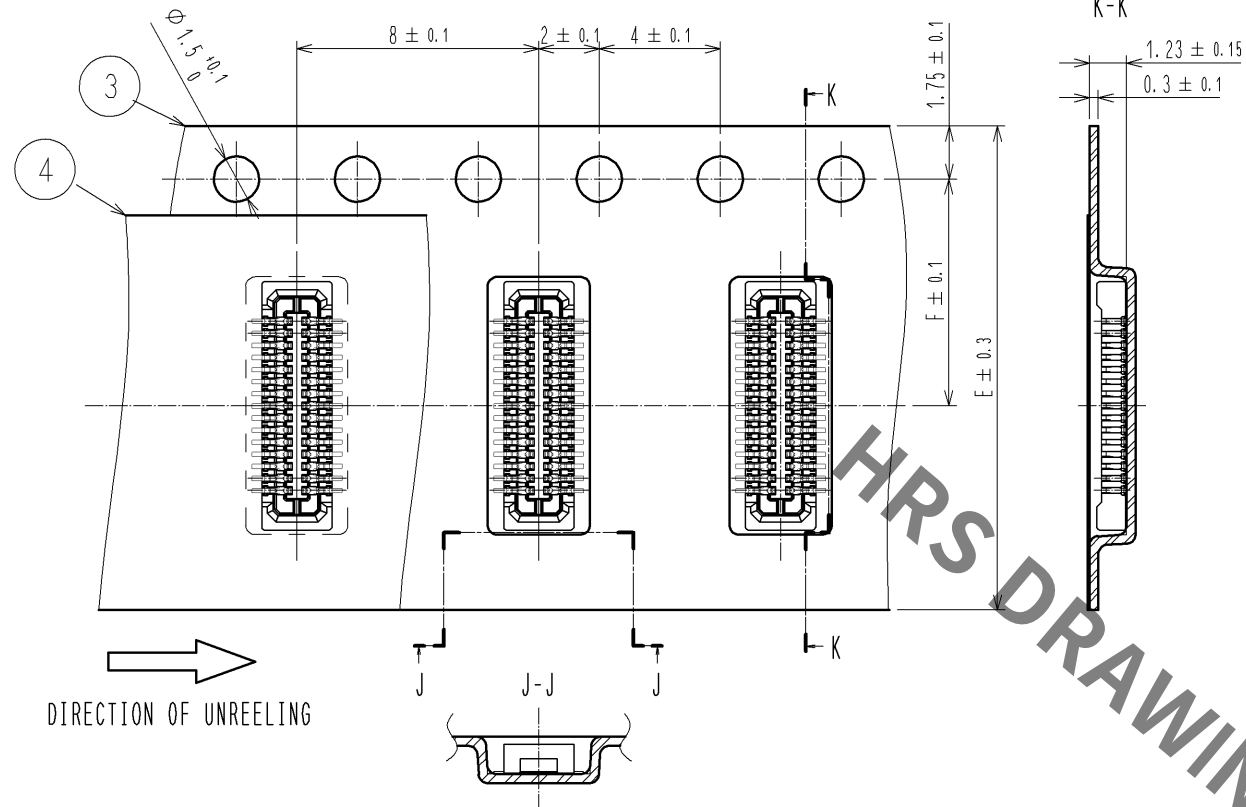
HRS

|             |                     |
|-------------|---------------------|
| DRAWING NO. | EDC3-319684-01      |
| PART NO.    | DF37NC-*DS-0.4V<51> |
| CODE NO.    |                     |

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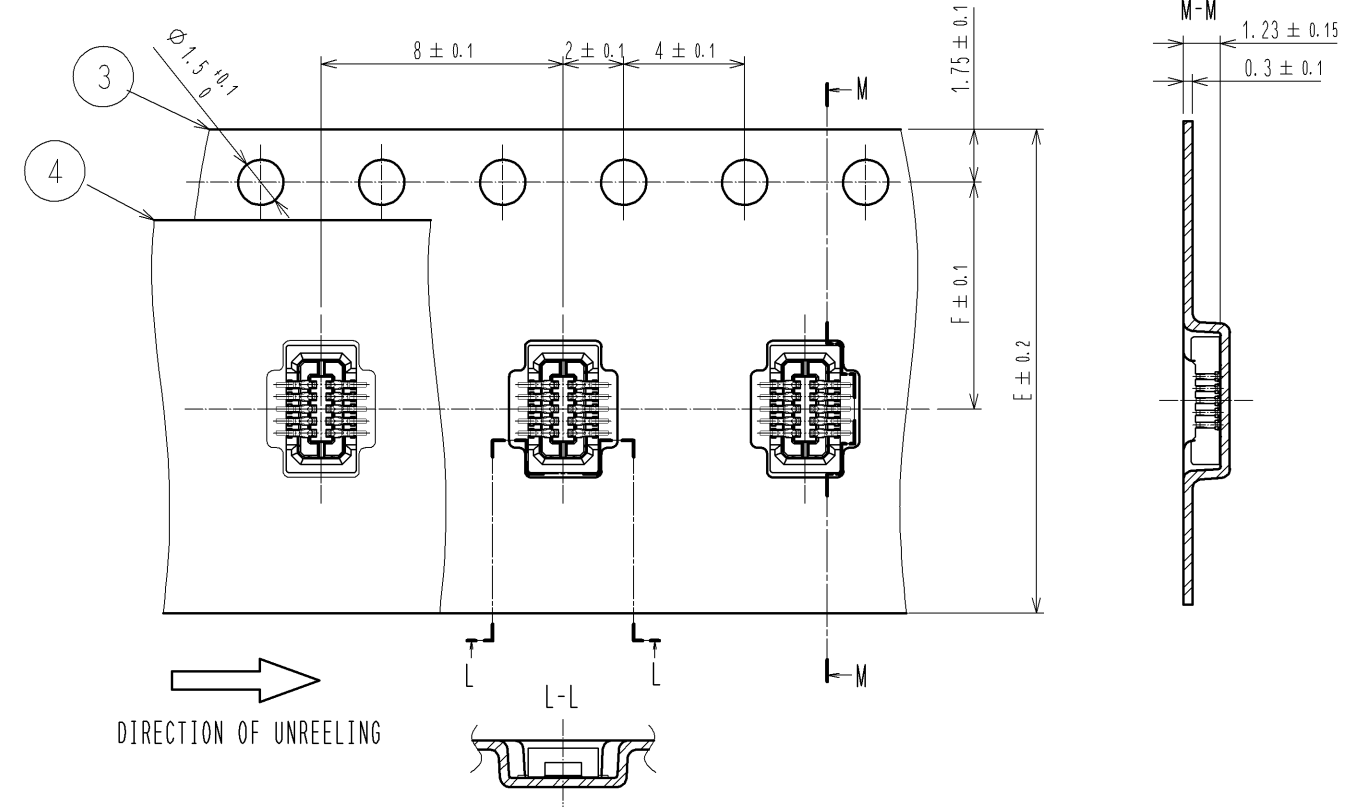
## EMBOSSED CARRIER TAPE PACKAGING (FREE SIZE)

◆MORE THAN 20 POS.

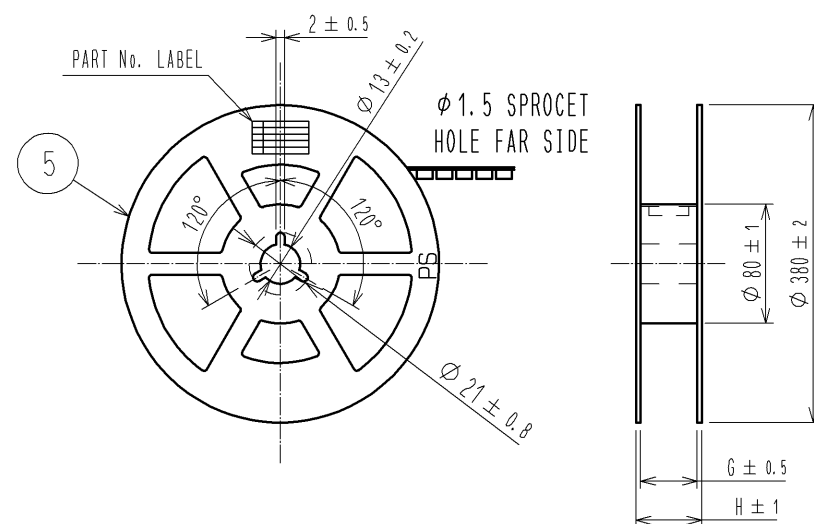


## EMBOSSED CARRIER TAPE PACKAGING (FREE SIZE)

◆LESS THAN 20 POS.



## STYLE AND DIMENSION OF REEL (FREE SIZE)



## DETAIL OF PART No. LABEL

|                     |                           |
|---------------------|---------------------------|
| SUPPLIER            | HIROSE ELECTRIC CO., LTD. |
| QUANTITY            | 8000個                     |
| PART NO.            | DF37NC-DS-0.4V(51)        |
| CODE NO.            | ** ** *                   |
| DATE OF MANUFACTURE | 年 月 日                     |
| 製造年月日               | 年 月 日                     |
| 製品コード               | ** ** *                   |
| 製品名                 | DF37NC-DS-0.4V(51)        |
| 数量                  | 8000個                     |
| 納入者                 | ヒロセ電機(株)                  |

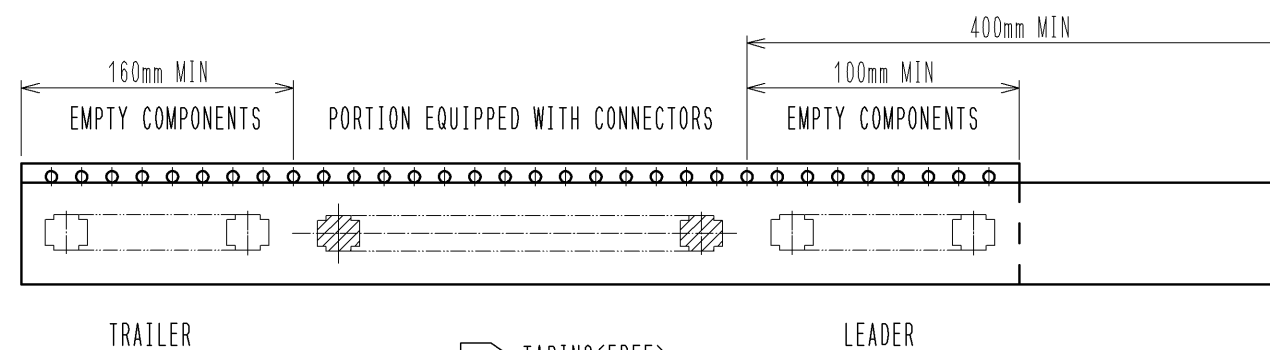
| PART No.             | E  | F    | G    | H    |
|----------------------|----|------|------|------|
| DF37NC-10DS-0.4V(51) | 16 | 7.5  | 17.5 | 21.5 |
| DF37NC-16DS-0.4V(51) | 16 | 7.5  | 17.5 | 21.5 |
| DF37NC-20DS-0.4V(51) | 16 | 7.5  | 17.5 | 21.5 |
| DF37NC-24DS-0.4V(51) | 16 | 7.5  | 17.5 | 21.5 |
| DF37NC-30DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NC-34DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NC-40DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NC-44DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NC-50DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NC-60DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NC-70DS-0.4V(51) | 32 | 14.2 | 33.5 | 37.5 |
| DF37NC-74DS-0.4V(51) | 32 | 14.2 | 33.5 | 37.5 |

NOTES 4. PER REEL 8000 CONNECTORS.

5. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

6. REFER TO JIS C 0806(PACKING OF COMPONENTS FOR AUTOMATIC HANDLING)

7. DETAIL OF PART NO. LABEL IS WRITTEN IN JAPANESE.



6 TAPING(FREE)

|     |             |                    |
|-----|-------------|--------------------|
| HRS | DRAWING NO. | EDC3-319684-01     |
|     | PART NO.    | DF37NC-DS-0.4V(51) |
|     | CODE NO.    |                    |

3/3

# Mouser Electronics

Authorized Distributor

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[DF37NC-50DS-0.4V\(51\)](#)