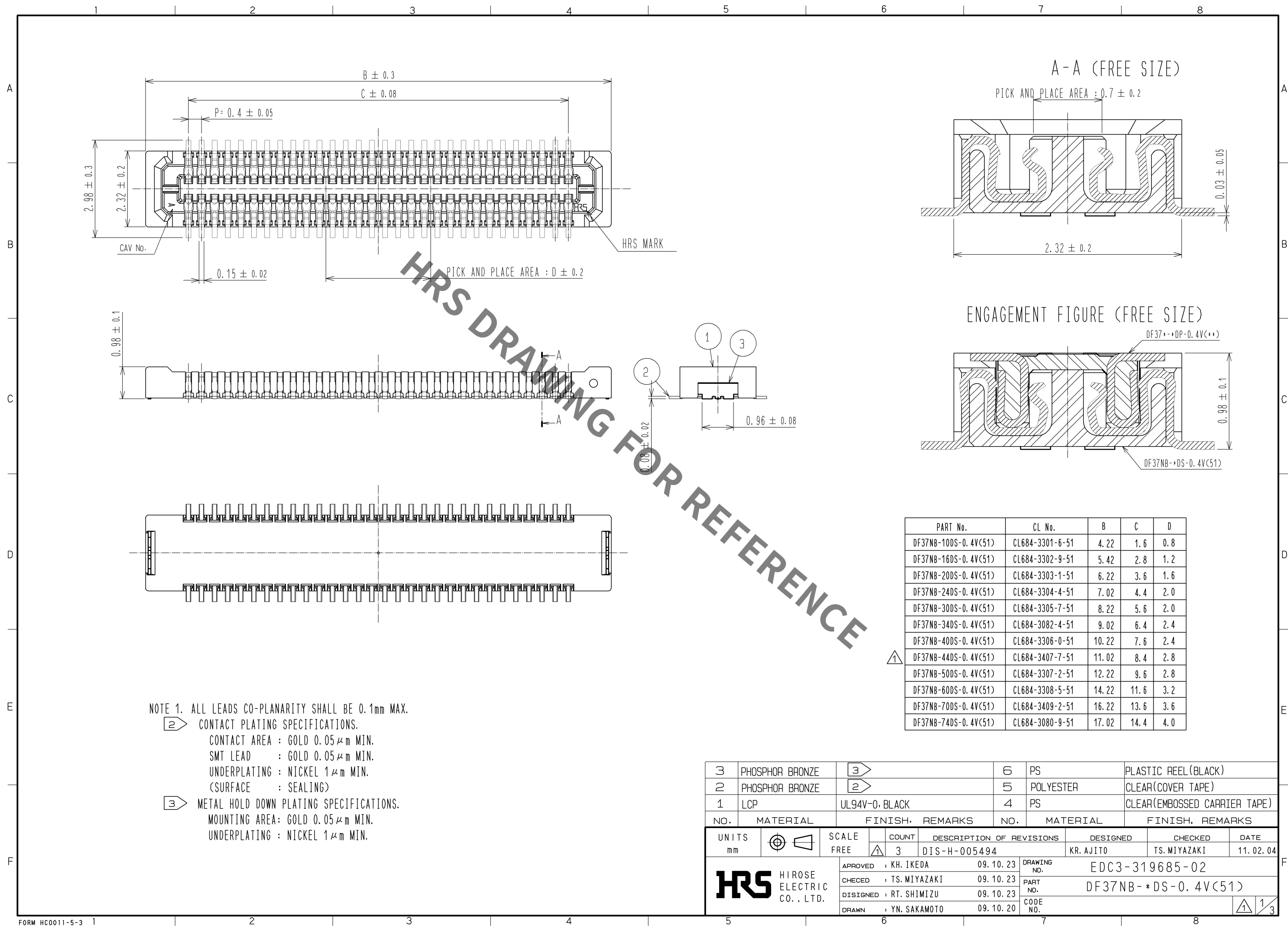
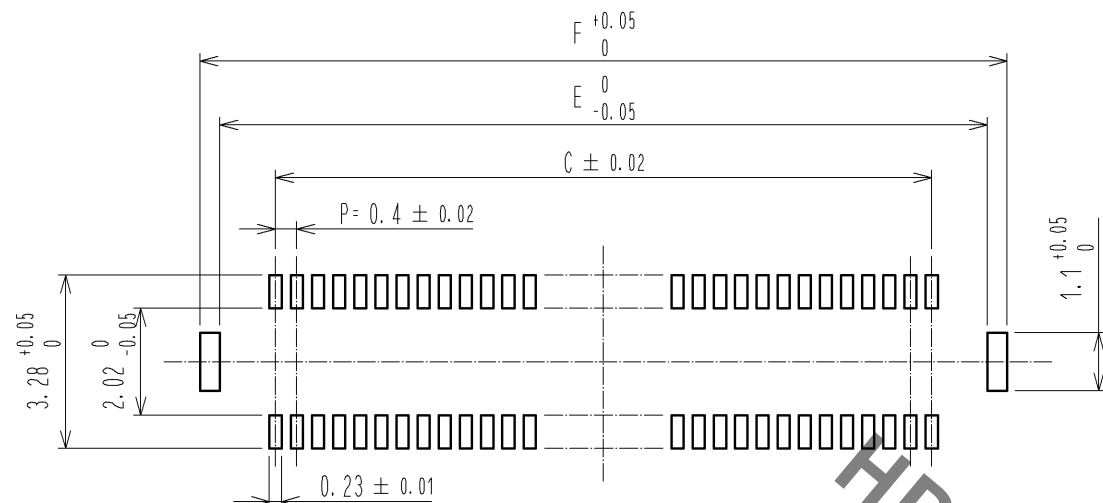
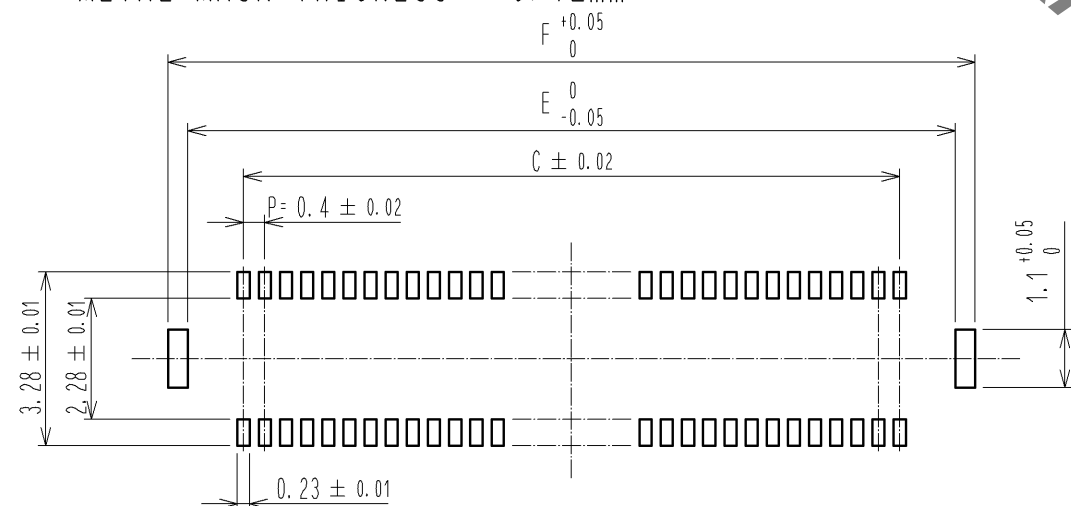




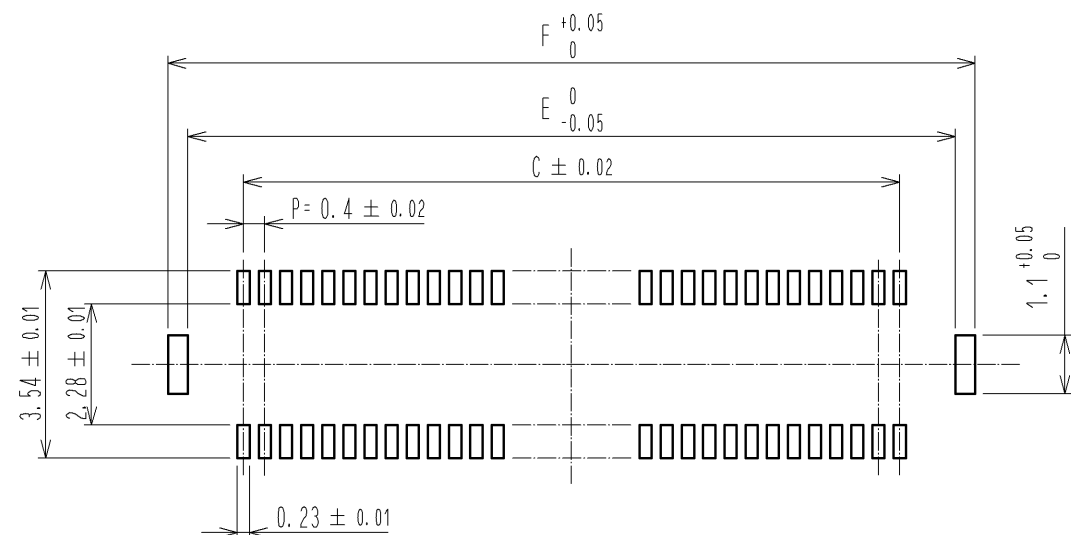
◆ RECOMMENDED PCB LAYOUT(MOUNTING SURFACE SIDE)



◆ RECOMMENDED METAL MASK DIMENSIONS  
METAL MASK THICKNESS : 0.12mm

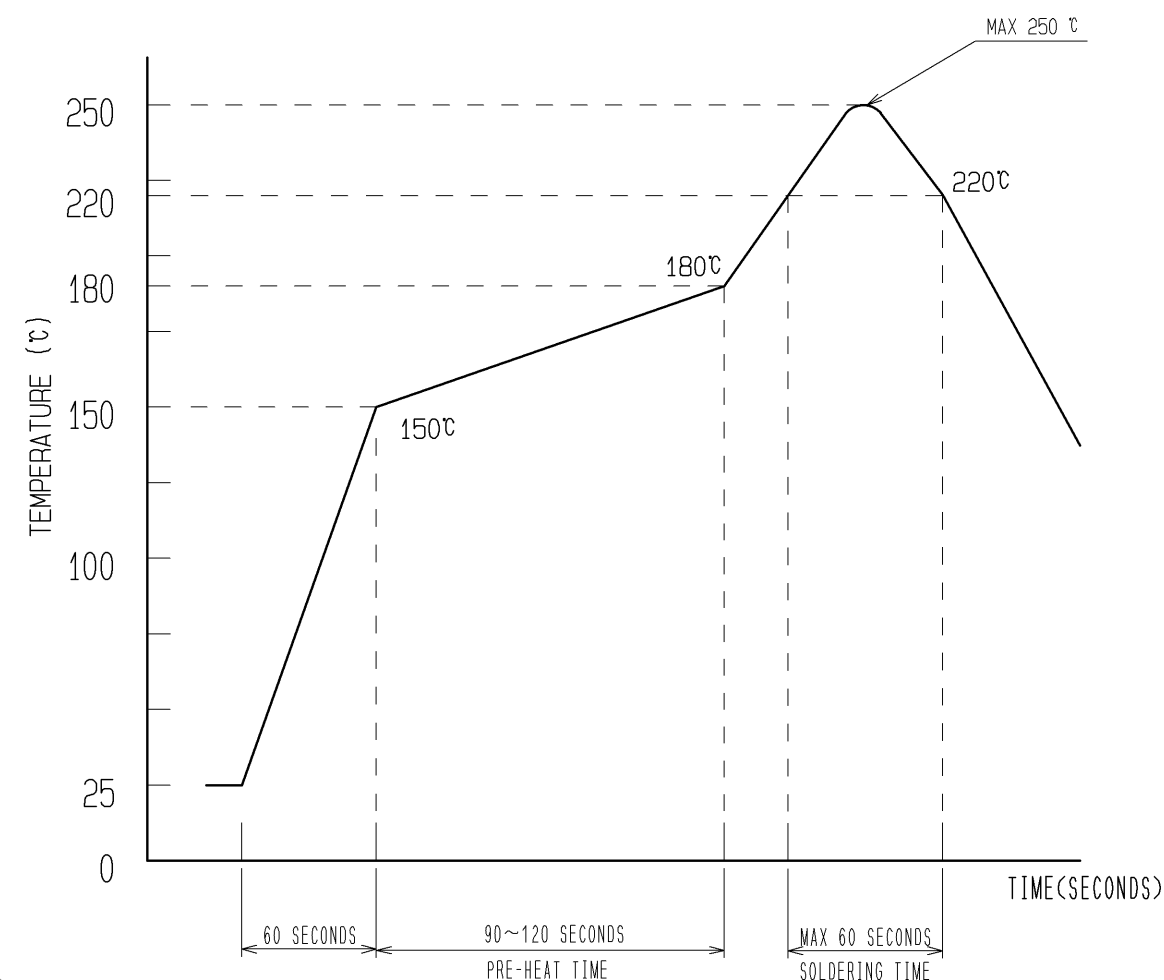


◆ RECOMMENDED METAL MASK DIMENSIONS  
METAL MASK THICKNESS : 0.1mm



| PART No.             | C    | E    | F     |
|----------------------|------|------|-------|
| DF37NB-10DS-0.4V(51) | 1.6  | 3.7  | 4.46  |
| DF37NB-16DS-0.4V(51) | 2.8  | 4.9  | 5.66  |
| DF37NB-20DS-0.4V(51) | 3.6  | 5.7  | 6.46  |
| DF37NB-24DS-0.4V(51) | 4.4  | 6.5  | 7.26  |
| DF37NB-30DS-0.4V(51) | 5.6  | 7.7  | 8.46  |
| DF37NB-34DS-0.4V(51) | 6.4  | 8.5  | 9.26  |
| DF37NB-40DS-0.4V(51) | 7.6  | 9.7  | 10.46 |
| DF37NB-44DS-0.4V(51) | 8.4  | 10.5 | 11.26 |
| DF37NB-50DS-0.4V(51) | 9.6  | 11.7 | 12.46 |
| DF37NB-60DS-0.4V(51) | 11.6 | 13.7 | 14.46 |
| DF37NB-70DS-0.4V(51) | 13.6 | 15.7 | 16.46 |
| DF37NB-74DS-0.4V(51) | 14.4 | 16.5 | 17.26 |

4 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.

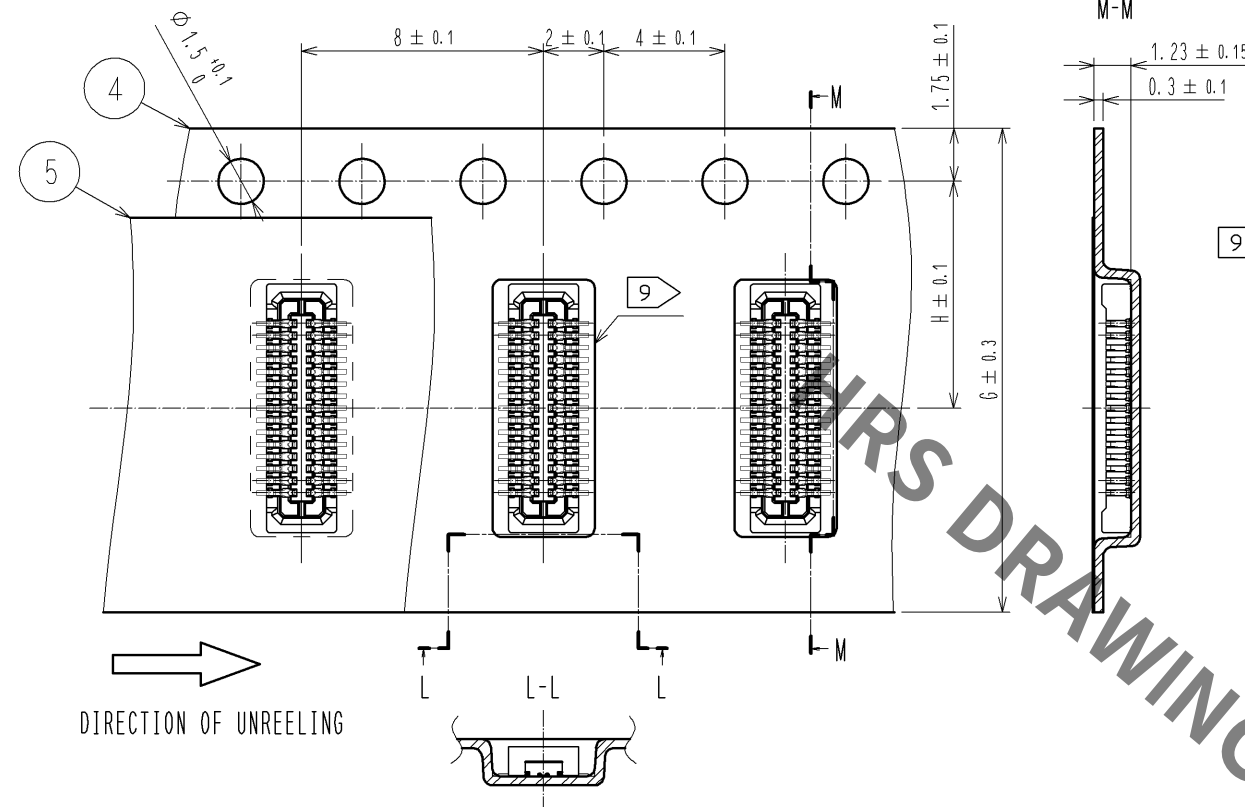
4 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE.  
ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND  
OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE. THEREFORE,  
A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED  
PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS

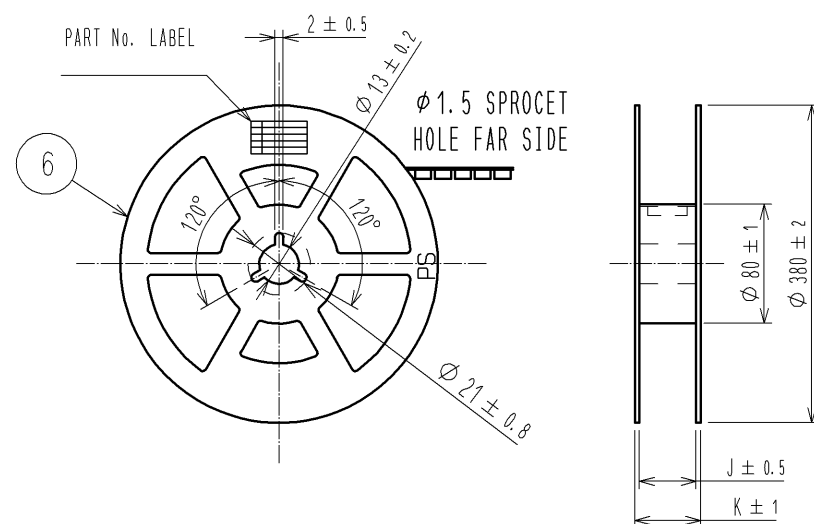
|             |                     |
|-------------|---------------------|
| DRAWING NO. | EDC3-319685-02      |
| PART NO.    | DF37NB-*DS-0.4V(51) |
| CODE NO.    |                     |

EMBOSSSED CARRIER TAPE PACKAGING (FREE SIZE)

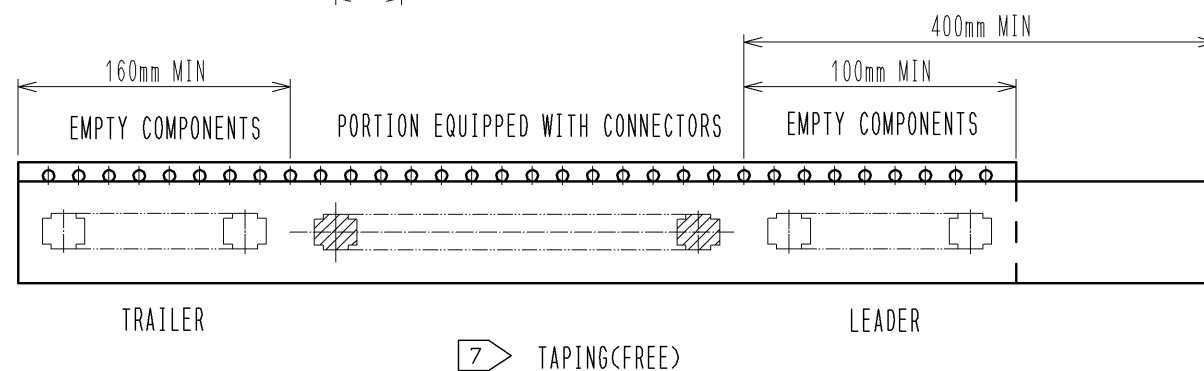
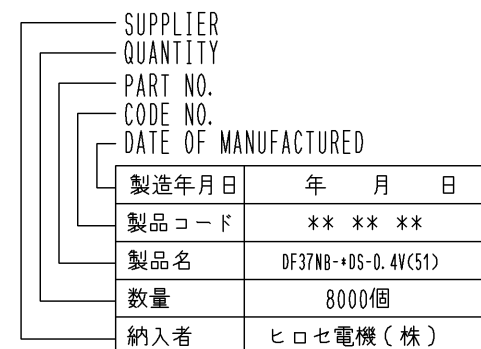
◆ UNDER 60POS.



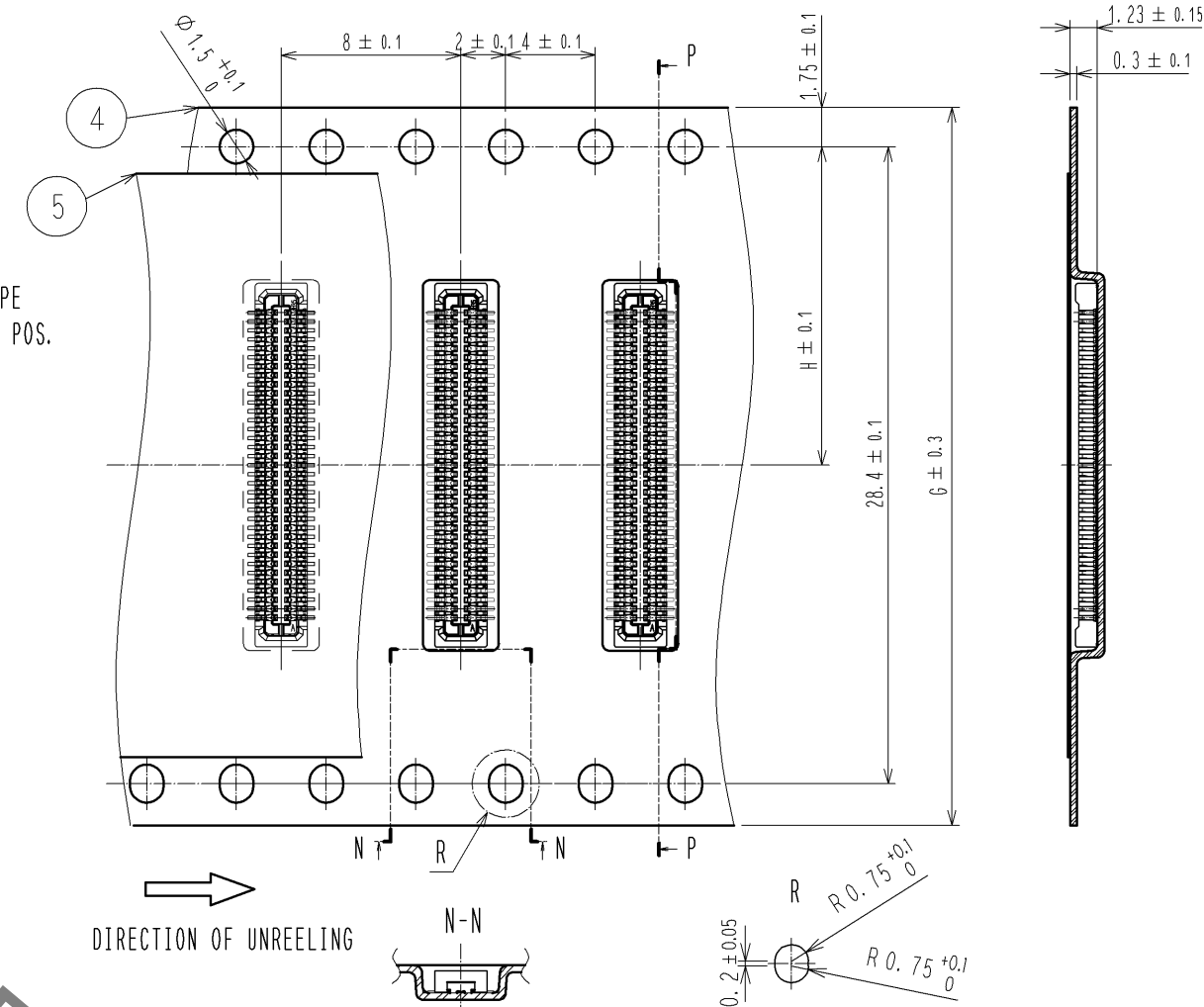
## STYLE AND DIMENSION OF REEL (FREE SIZE)



8 DETEIL OF PART NO. LABEL



◆70 POS. AND ABOVE



| PART No.             | G  | H    | J    | K    |
|----------------------|----|------|------|------|
| DF37NB-10DS-0.4V(51) | 16 | 7.5  | 17.5 | 21.5 |
| DF37NB-16DS-0.4V(51) | 16 | 7.5  | 17.5 | 21.5 |
| DF37NB-20DS-0.4V(51) | 16 | 7.5  | 17.5 | 21.5 |
| DF37NB-24DS-0.4V(51) | 16 | 7.5  | 17.5 | 21.5 |
| DF37NB-30DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NB-34DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NB-40DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NB-44DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NB-50DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NB-60DS-0.4V(51) | 24 | 11.5 | 25.5 | 29.5 |
| DF37NB-70DS-0.4V(51) | 32 | 14.2 | 37.5 | 33.5 |
| DF37NB-74DS-0.4V(51) | 32 | 14.2 | 37.5 | 33.5 |

NOTES 5. PER REEL 8000 CONNECTORS.

6. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

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

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

9 EMBoss POCKET OF LESS THAN 20 POS. SHALL BE CROSS.

HRC

|             |                     |
|-------------|---------------------|
| DRAWING NO. | EDC3-319685-02      |
| PART NO.    | DF37NB-*DS-0.4V<51> |
| CODE NO.    |                     |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hirose Electric:](#)

[DF37NB-20DS-0.4V\(51\)](#) [DF37NB-30DS-0.4V\(51\)](#) [DF37NB-70DS-0.4V\(51\)](#)