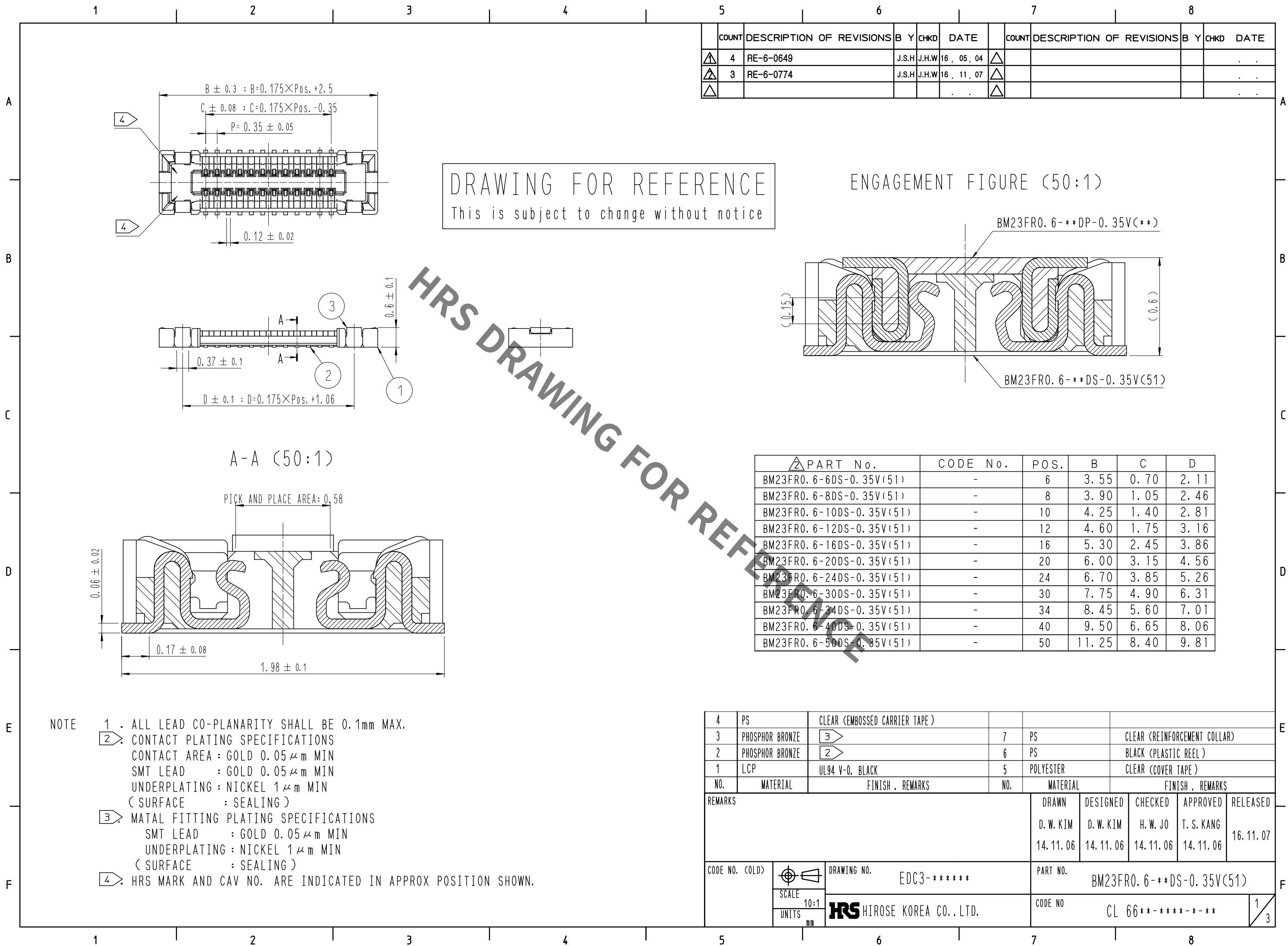
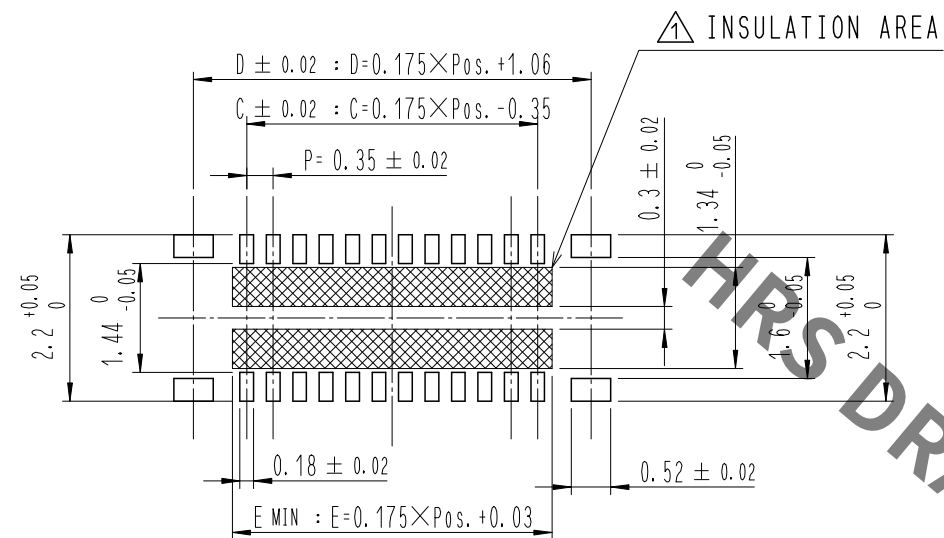


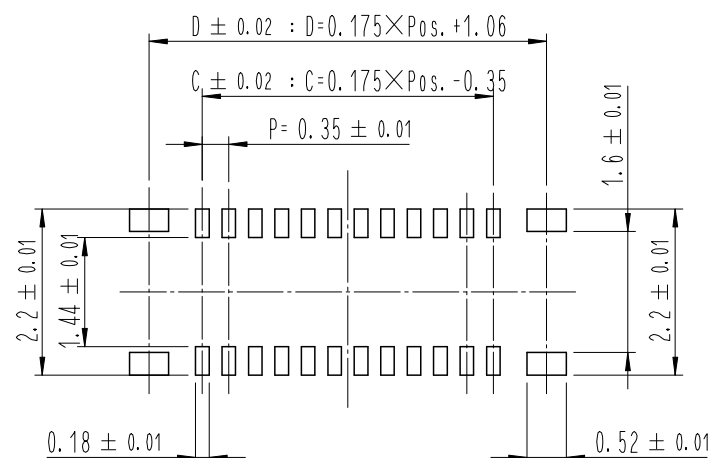
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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



6 RECOMMENDED PCB LAYOUT

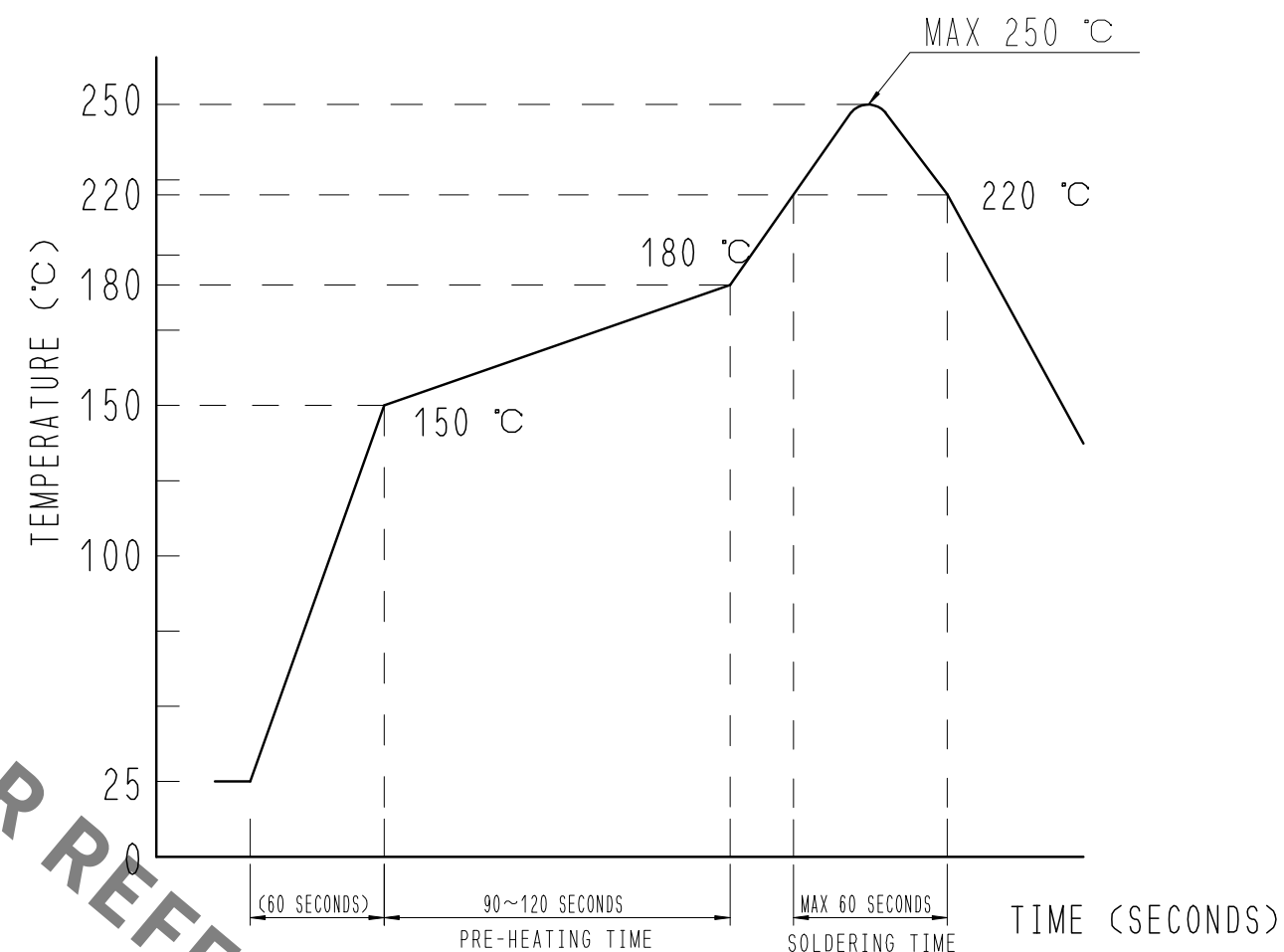


RECOMMENDED METAL MASK DIMENSIONS  
METAL MASK THICKNESS :  $100 \mu\text{m}$



| △ POS. | C    | D    | E    |
|--------|------|------|------|
| 6      | 0.70 | 2.11 | 1.08 |
| 8      | 1.05 | 2.46 | 1.43 |
| 10     | 1.40 | 2.81 | 1.78 |
| 12     | 1.75 | 3.16 | 2.13 |
| 16     | 2.45 | 3.86 | 2.83 |
| 20     | 3.15 | 4.56 | 3.53 |
| 24     | 3.85 | 5.26 | 4.23 |
| 30     | 4.90 | 6.31 | 5.28 |
| 34     | 5.60 | 7.01 | 5.98 |
| 40     | 6.65 | 8.06 | 7.03 |
| 50     | 8.40 | 9.81 | 8.78 |

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



REFLOW METHOD: IR 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.

- 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-*****             | PART NO. | BM23FR0.6-**DS-0.35V(51) |
|       | SCALE       | 10:1                   | CODE NO  | CL 66**-*****-***        |
| UNITS | mm          | HIROSE KOREA CO., LTD. |          | 2/3                      |



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