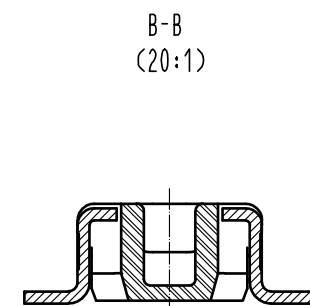
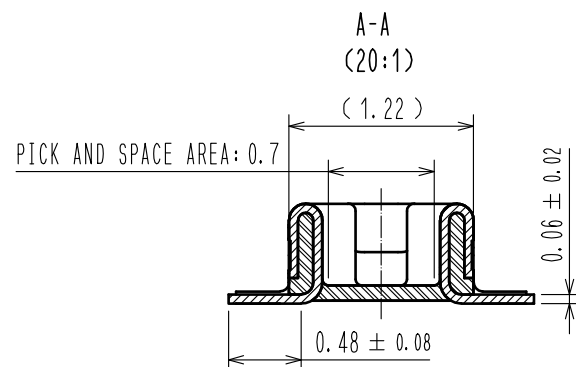
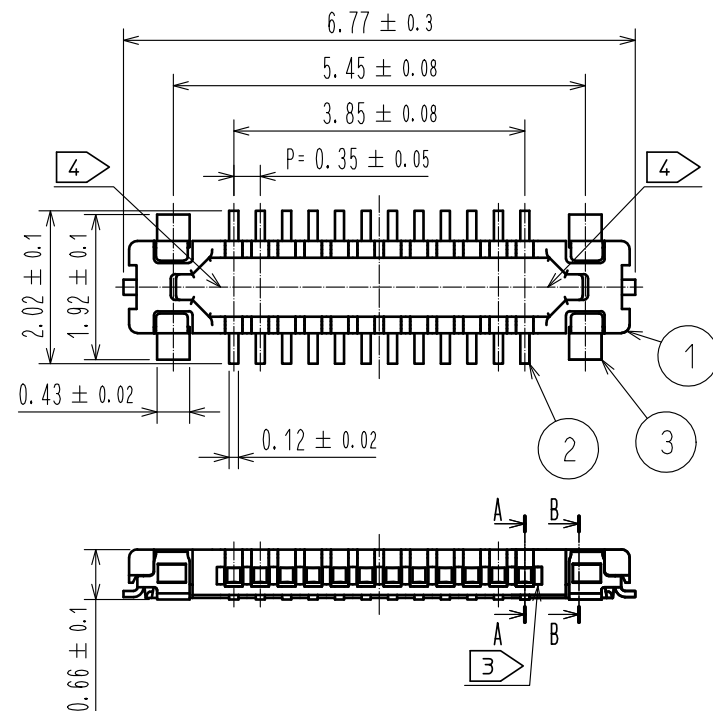
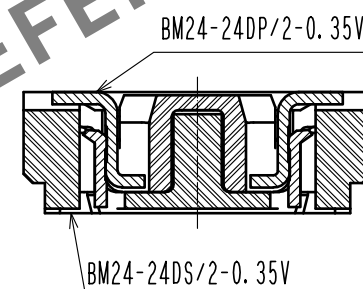
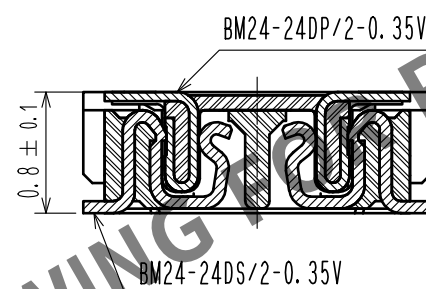


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ENGAGEMENT FIGURE (20:1)



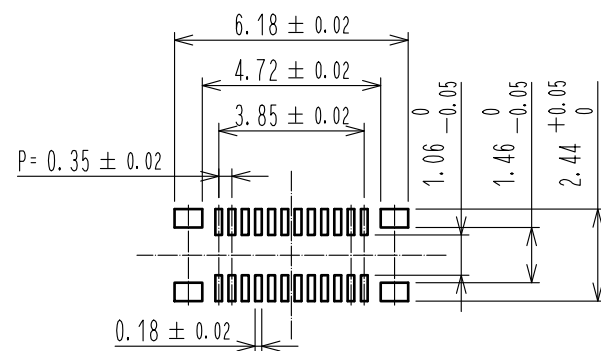
NOTE 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.

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 )

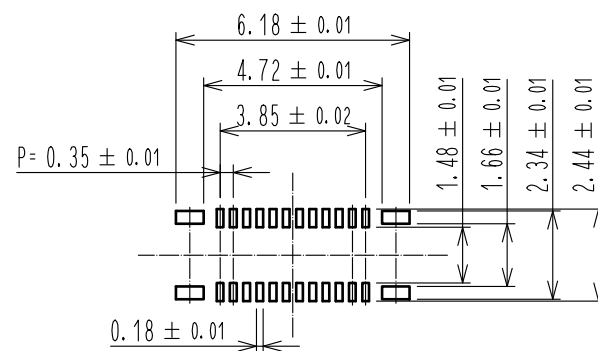
3 A PART OF THE WALL COULD BE NOTCHED.

4 HRS MARK AND CAV No. ARE INDICATED IN APPROX. POSITION SHOWN.

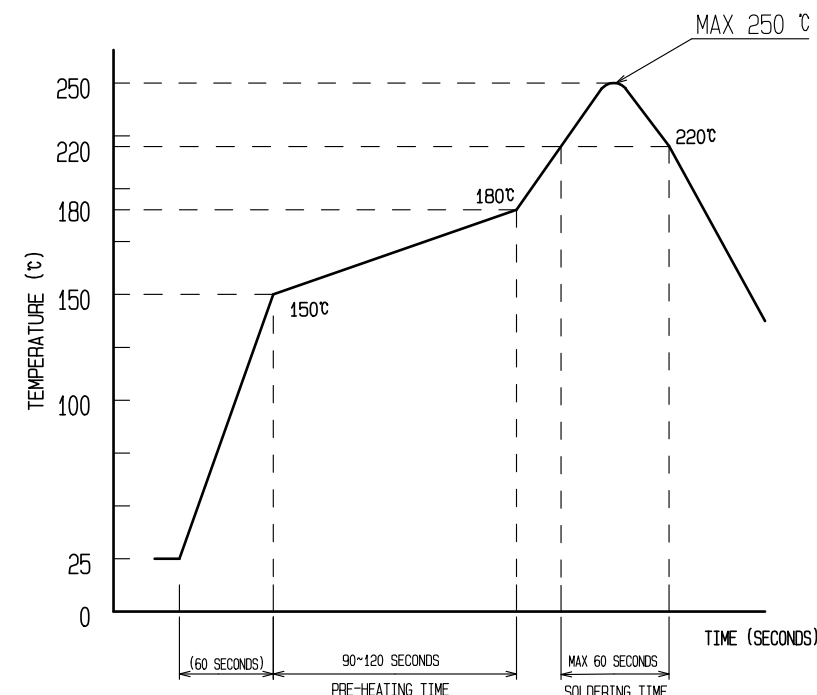
◆RECOMMENDED PCB LAYOUT



◆RECOMMENDED METAL MASK DIMENSIONS  
METAL MASK THICKNESS : 100  $\mu$ m



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 COONDITION IS REQUIRED  
PRIOR TO PRODUCTION. TEPERATURE IS MEASURED AT CONTACT LEAD.  
6. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS  
FROM OUR RECOMMENDATION.

|             |              |                              |           |                          |                              |
|-------------|--------------|------------------------------|-----------|--------------------------|------------------------------|
| 4           | PS           | CLEAR(EMBOSSED CARRIER TAPE) |           |                          |                              |
| 3           | COPPER ALLOY | 2                            | 7         | PS                       | CLEAR (REINFORCEMENT COLLAR) |
| 2           | COPPER 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             |
| UNITS<br>mm |              | SCALE<br>10 : 1              | COUNT<br> | DESCRIPTION OF REVISIONS | DESIGNED                     |
|             |              | APPROVED : MO. ISHIDA        | 15.12.14  | DRAWING NO.              | EDC-353451-53-01             |
|             |              | CHECKED : TS. MIYAZAKI       | 15.12.14  | PART NO.                 | BM24-24DP/2-0.35V(53)        |
|             |              | DESIGNED : NY. YAMASHIRO     | 15.12.14  | CODE NO.                 | CL677-2005-0-53              |
|             |              | DRAWN : KR. AJITO            | 15.12.11  |                          |                              |

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