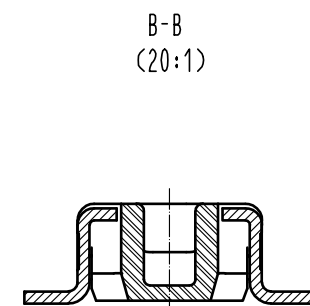
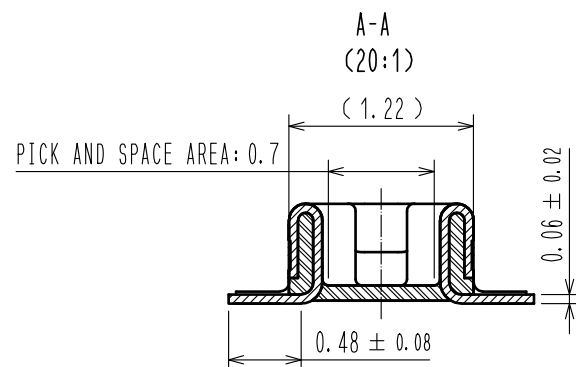
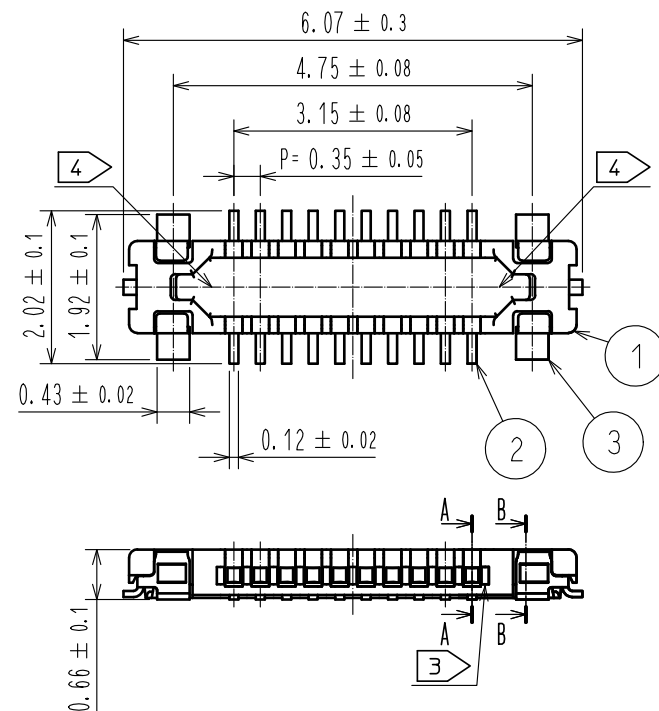
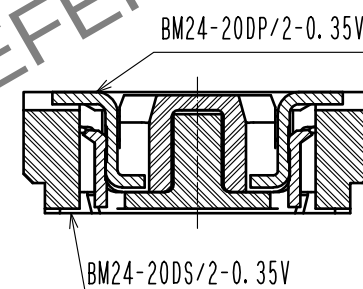
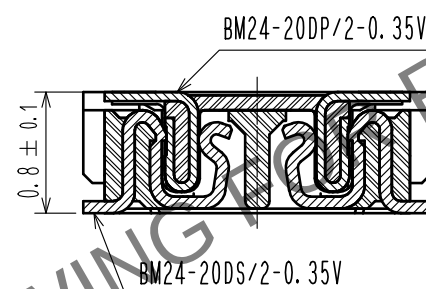


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ENGAGEMENT FIGURE (20:1)



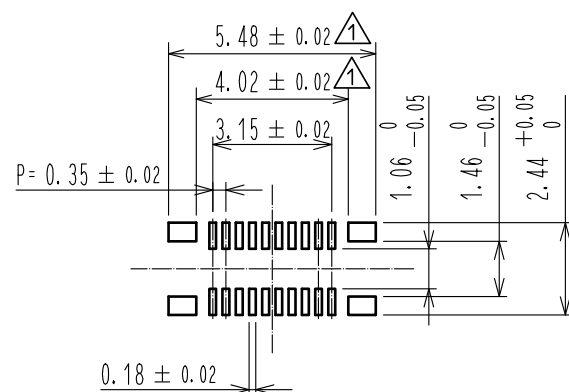
NOTE 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.

2 CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05 μ m MIN
SMT LEAD : GOLD 0.05 μ m MIN
UNDER PLATING : NICKEL 1 μ m MIN
(SURFACE : SEALING)

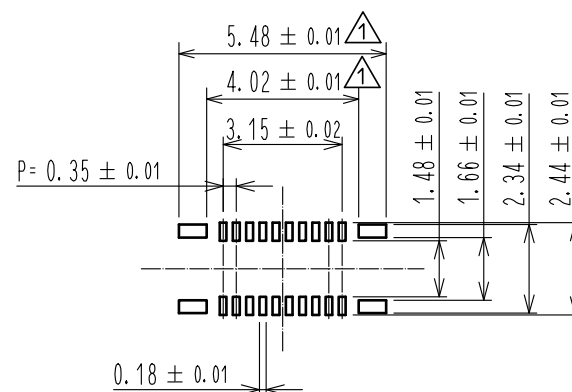
3 A PART OF THE WALL COULD BE NOTCHED.

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

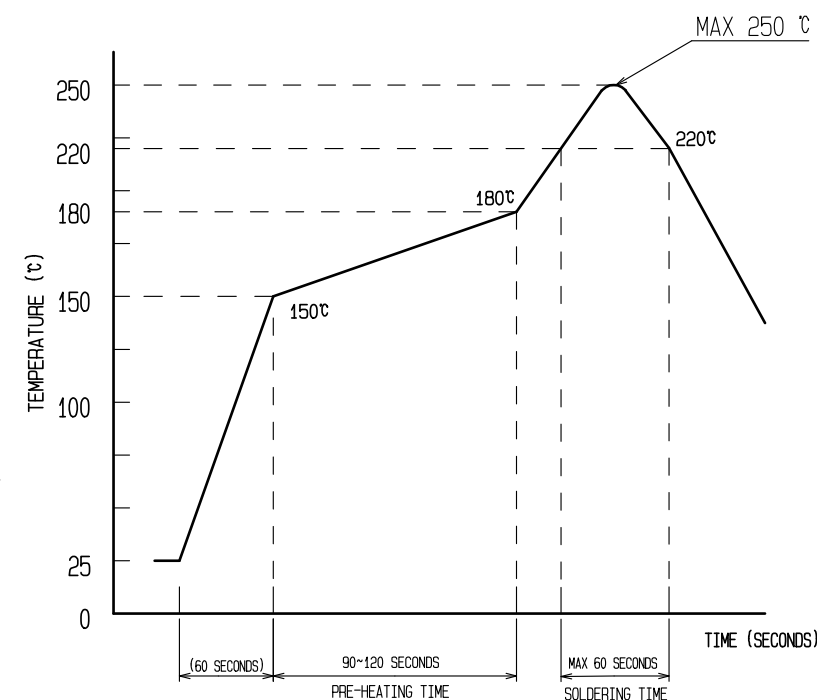
◆RECOMMENDED PCB LAYOUT



◆RECOMMENDED METAL MASK DIMENSIONS
METAL MASK THICKNESS : 100 μ 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	PHOSPHOR BRONZE	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 mm		SCALE 10 : 1	COUNT 4	DESCRIPTION OF REVISIONS DIS-H-00001151	DESIGNED NY. YAMASHIRO
		APPROVED : KH. IKEDA	14. 04. 04	DRAWING NO. EDC3-352683-02	
		CHECED : WR. FUKUCHI	14. 04. 04	PART NO. BM24-20DP/2-0. 35V(51)	
		DESIGNED : YH. HASEGAWA	14. 04. 04	CODE NO. CL677-2003-4-51	
		DRAWN : YH. HASEGAWA	14. 04. 04		
		DATE	15. 12. 03		

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