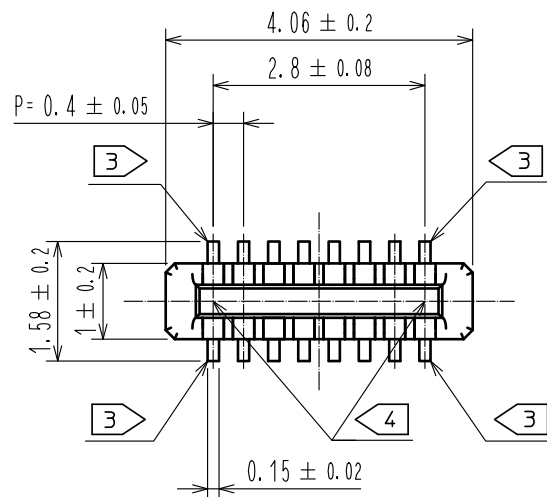


NOTE) 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX

2 . CONTACT PLATING SPECIFICATIONS

CONTACT AREA : GOLD 0.05 μm MIN

SMT LEAD : GOLD 0.05 μm MIN

UNDERPLATING : NICKEL 1 μm MIN

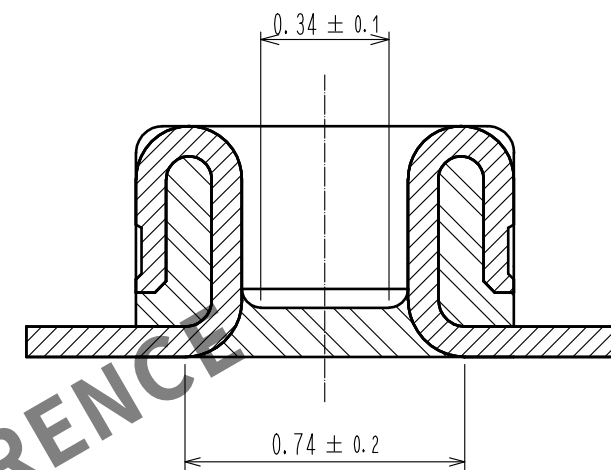
(SURFACE : SEALING)

3 . EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS AND GROUNDING PURPOSE.

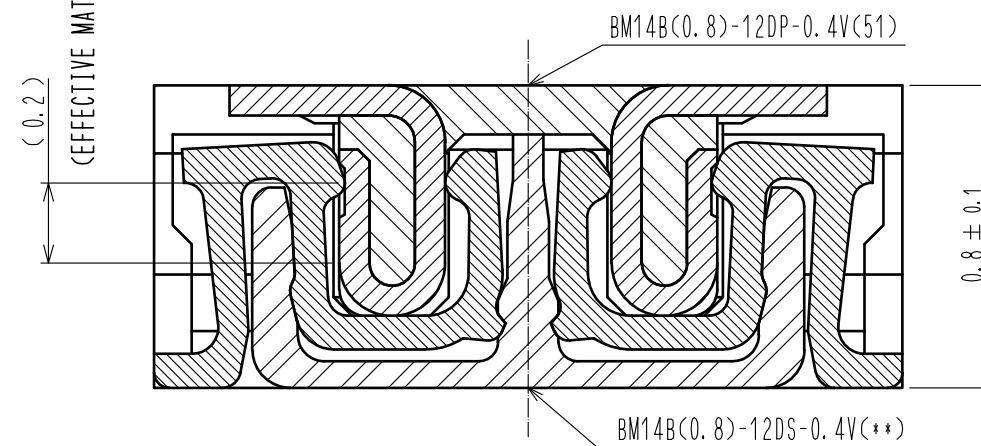
4 . HRS MARK AND CAV No. ARE INDICATED IN APPROX POSITION SHOWN.

5 . A PART OF THE WALL COULD BE NOTCHED.

A-A (50:1)

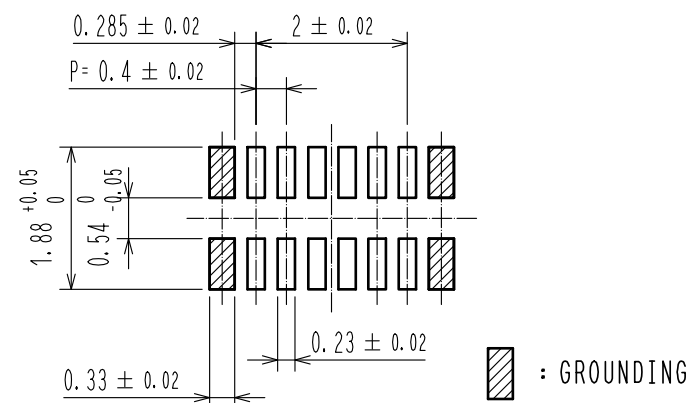


ENGAGEMENT FIGURE (50:1)



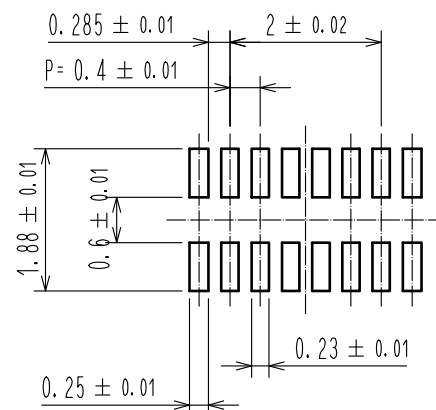
3	PS	CLEAR (ENBOSSED CARRIER TAPE)	6	PS	CLEAR (REINFORCEMENT COLLAR)
2	PHOSPHOR BRONZE	2	5	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	4	POLYESTER	CLEAR (COVER TAPE)
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
UNITS mm		SCALE 10 : 1	COUNT 	DESCRIPTION OF REVISIONS	DESIGNED
HIROSE ELECTRIC CO., LTD.		APPROVED : MO. ISHIDA	15. 03. 12	DRAWING NO.	EDC-329243-51-01
		CHECKED : YH. MICHIDA	15. 03. 12	PART NO.	BM14B(0.8)-12DP-0.4V(51)
		DESIGNED : SH. HOSODA	15. 03. 12	CODE NO.	CL684-8042-7-51
		DRAWN : KR. AJITO	15. 03. 12		
					1/3

◆ RECOMMENDED PCB LAYOUT

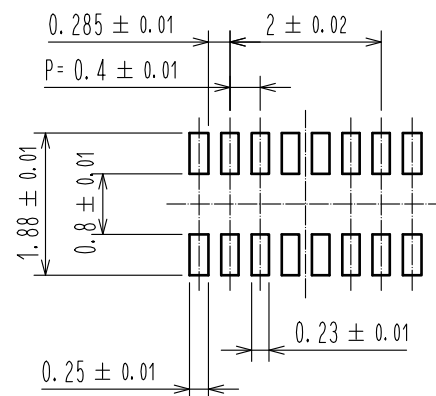


◆ RECOMMENDED METAL MASK DIMENSIONS

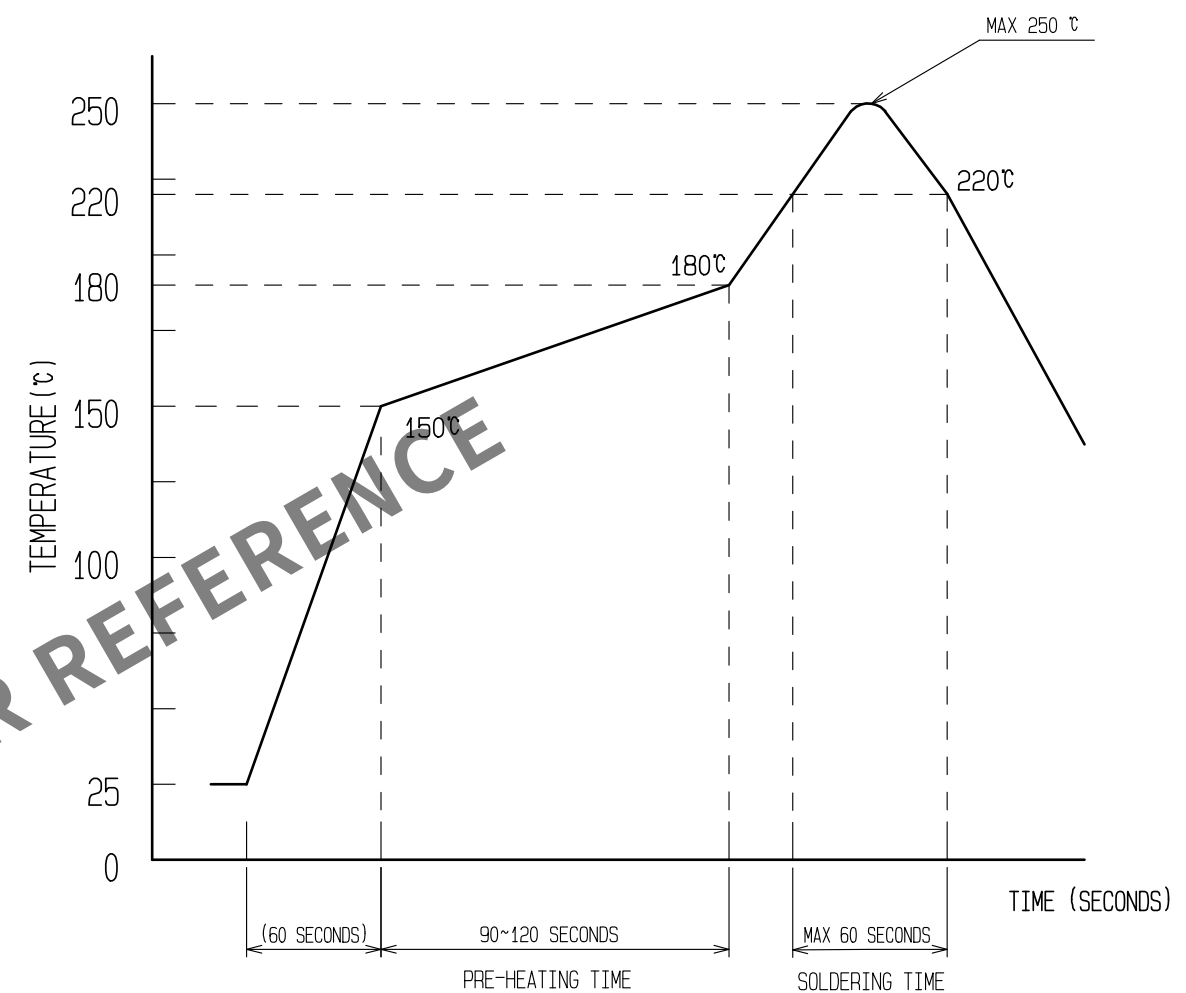
METAL MASK THICKNESS : $100 \mu\text{m}$



METAL MASK THICKNESS : $120 \mu\text{m}$



6 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.

6 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.	EDC-329243-51-01
PART NO.	BM14B(0.8)-12DP-0.4V(51)
CODE NO.	CL684-8042-7-51

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