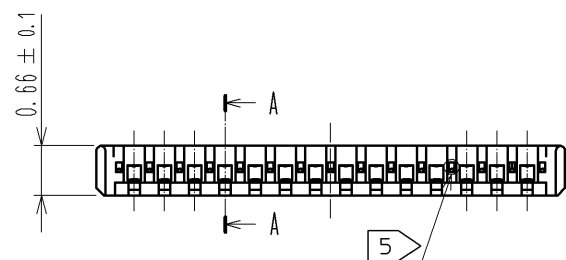
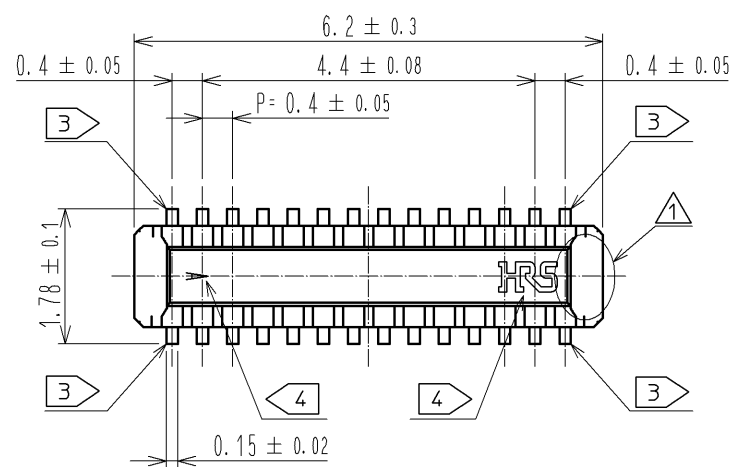
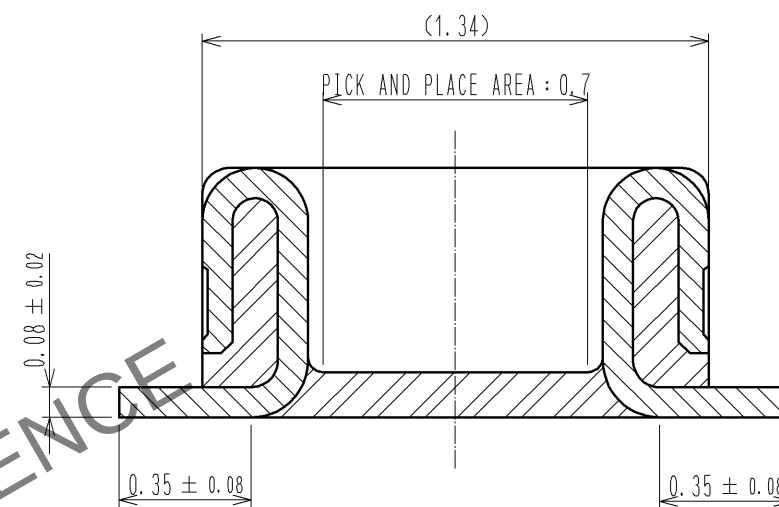


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

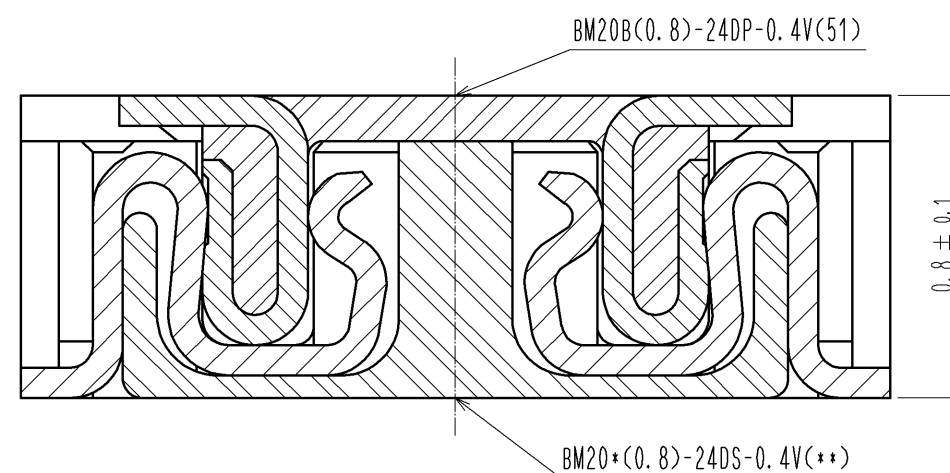


- NOTE 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
2. CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD $0.05\mu\text{m}$ MIN
SMT LEAD : GOLD $0.05\mu\text{m}$ MIN
UNDER PLATING : NICKEL $1\mu\text{m}$ MIN
(SURFACE : SEALING)
3. EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS.
4. HRS MARK AND CAV No. ARE INDICATED IN APPROX POSITION SHOWN.
5. A PART OF THE WALL COULD BE NOTCHED.

A-A (50:1)



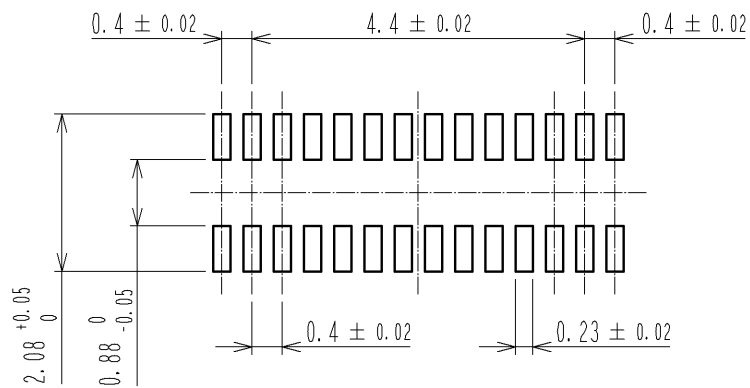
ENGAGEMENT FIGURE (50:1) 1



3	PS	CLEAR (EMBOSSED 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	

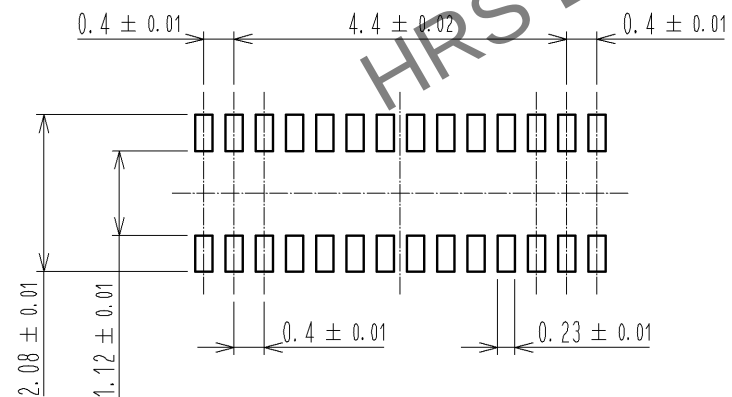
UNITS mm		SCALE 10 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
				4	DIS-H-006322	YK. SATAKE	TS. MIYAZAKI	11. 11. 09
				APPROVED : KH. IKEDA	11. 08. 01	DRAWING NO. EDC3-332309-01		
				CHECKED : TS. MIYAZAKI	11. 08. 01	PART NO. BM20B(0.8)-24DP-0.4V(51)		
				DESIGNED : YK. SATAKE	11. 07. 28	CODE NO. CL684-9003-0-51		
HRS HIROSE ELECTRIC CO., LTD.		DRAWN : YK. SATAKE	11. 07. 28					

◆RECOMMENDED PCB LAYOUT

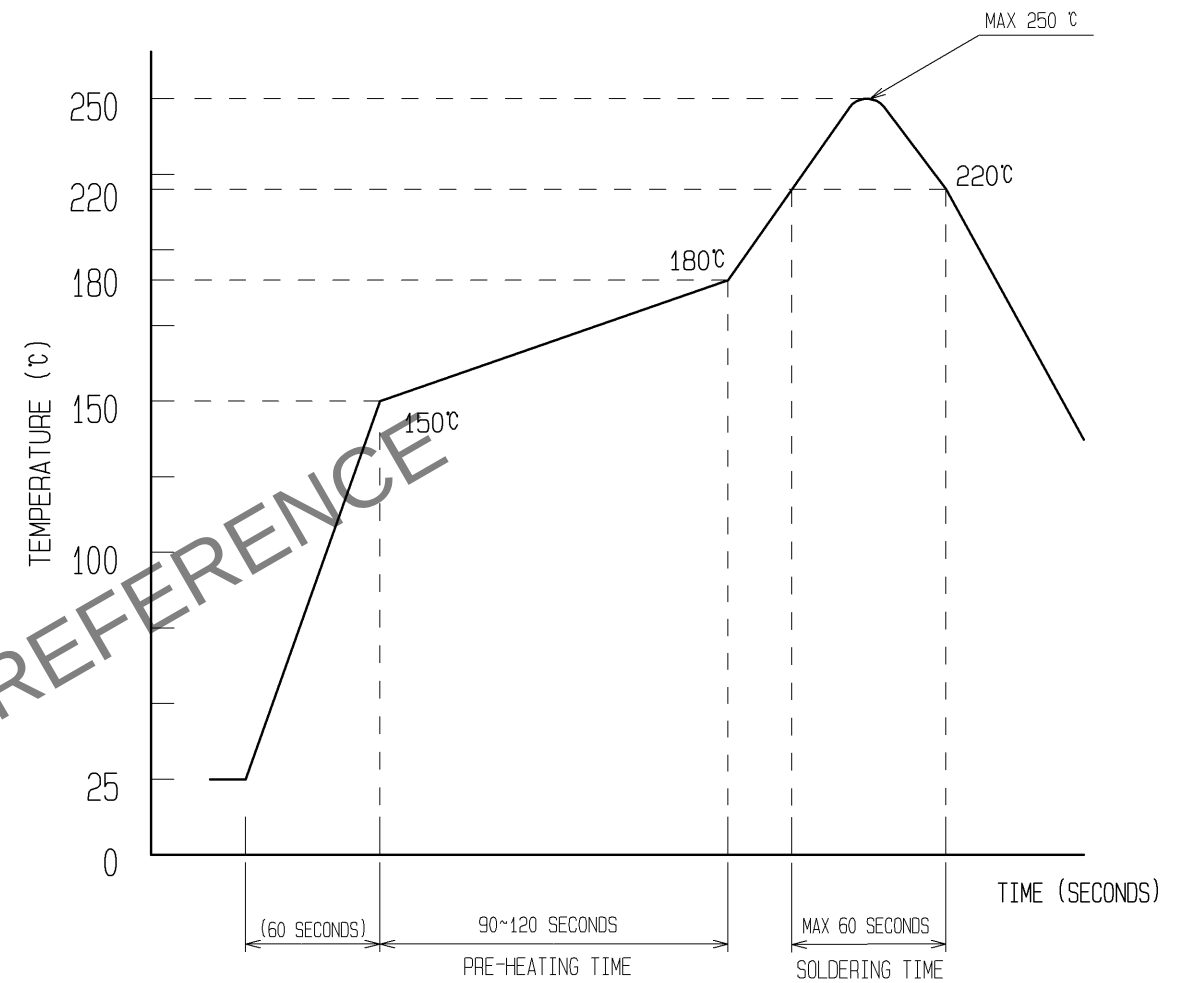


◆RECOMMENDED METAL MASK DIMENSIONS $\triangle 1$

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



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 $^{\circ}\text{C}$: 60 SEC MAX.
(PEAK TEMPERATURE: 250 $^{\circ}\text{C}$ MAX)
2) PRE-HEAT TIME
PRE-HEAT TEMPERATURE (MIN): 150 $^{\circ}\text{C}$
PRE-HEAT TEMPERATURE (MAX): 180 $^{\circ}\text{C}$
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 COONDITION IS REQUIRED
PRIOR TO PRODUCTION. TEPERATURE IS MEASURED AT CONTACT LEAD.

HRS

DRAWING NO.	EDC3-332309-01
PART NO.	BM20B(0.8)-24DP-0.4V(51)
CODE NO.	CL684-9003-0-51

$\triangle 1$ 2/3

