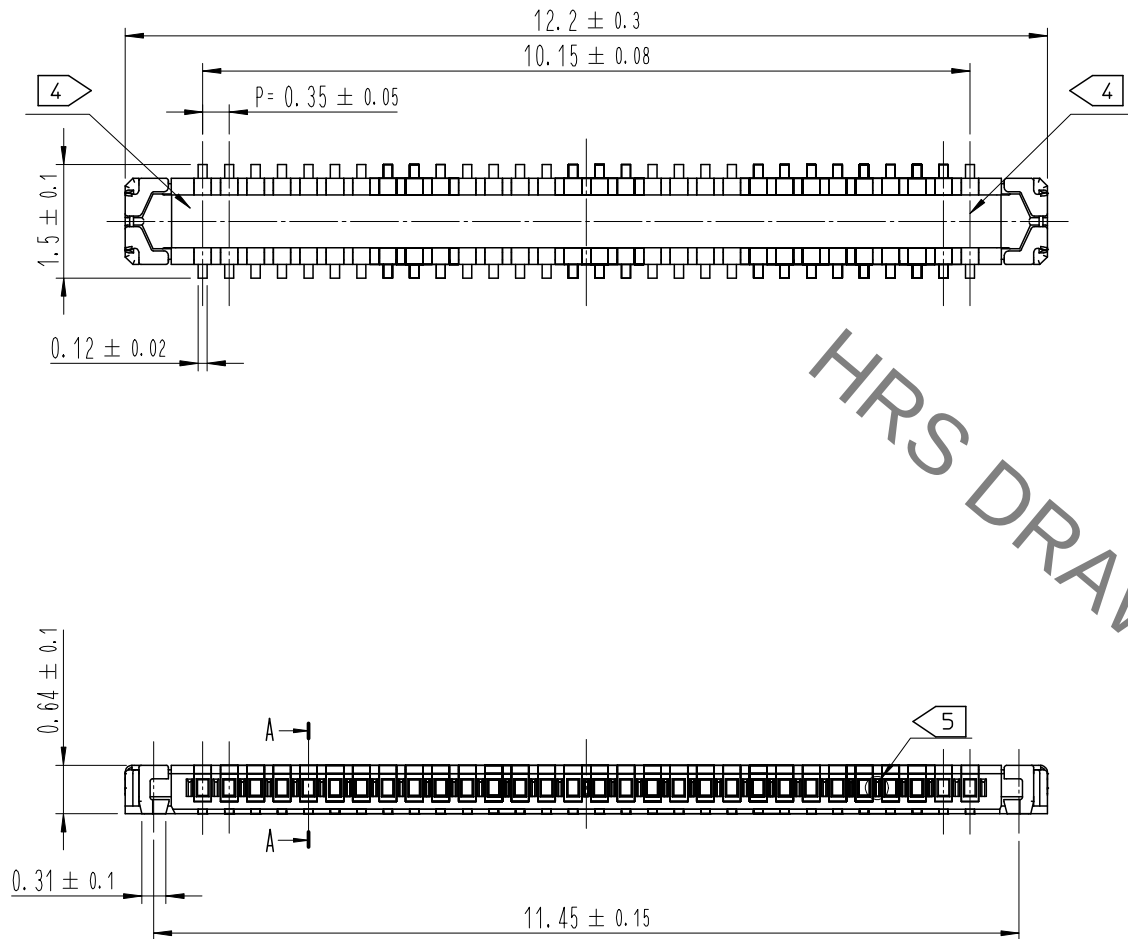
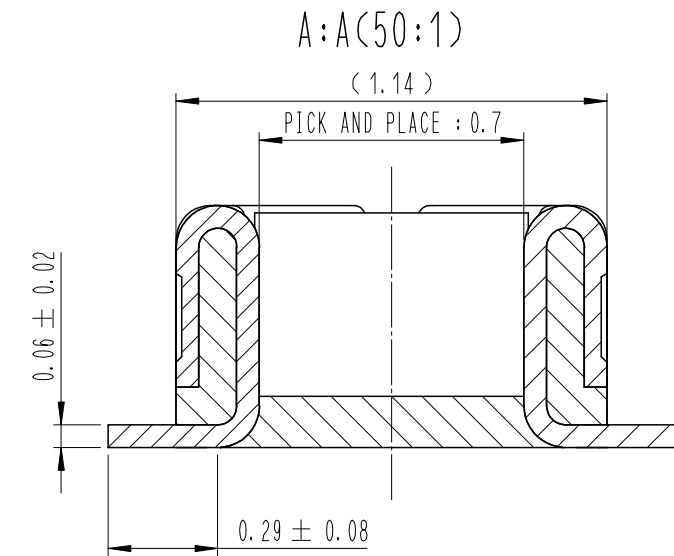


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

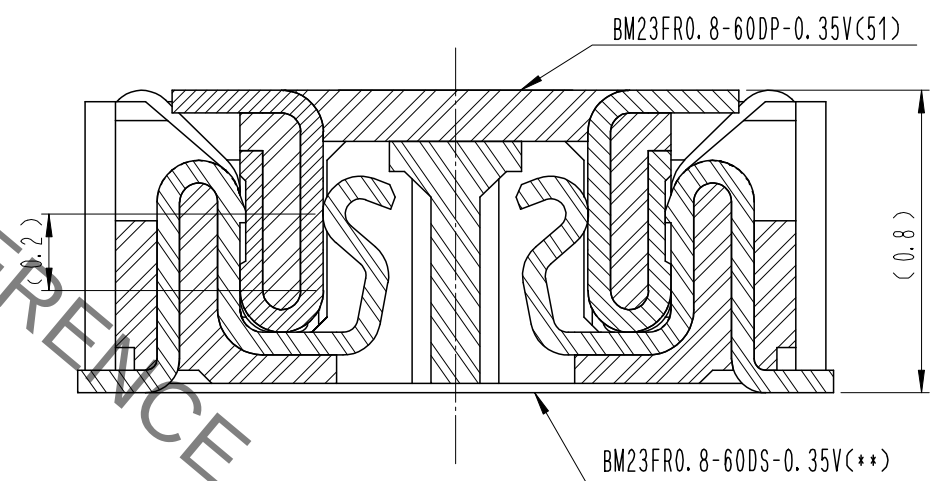


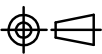
- NOTE
1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.
 2. CONTACT PLATING SPECIFICATIONS.
CONTACT AREA : GOLD $0.05 \mu\text{m}$ MIN.
SMT LEAD : GOLD $0.05 \mu\text{m}$ MIN.
UNDER PLATING : NICKEL $1 \mu\text{m}$ MIN.
(SURFACE : SEALING)
 3. METAL FITTING PLATING SPECIFICATIONS.
SMT LEAD : GOLD $0.05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

	COUNT	DESCRIPTION OF REVISIONS	B	Y	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	B	Y	CHKD	DATE	
△	1	Change the bobbin size	LYJ	JHW	15	12	03	△					.	.
△	1	Change the name	LYJ	JHW	15	12	03	△					.	.
△						.	.	△					.	.

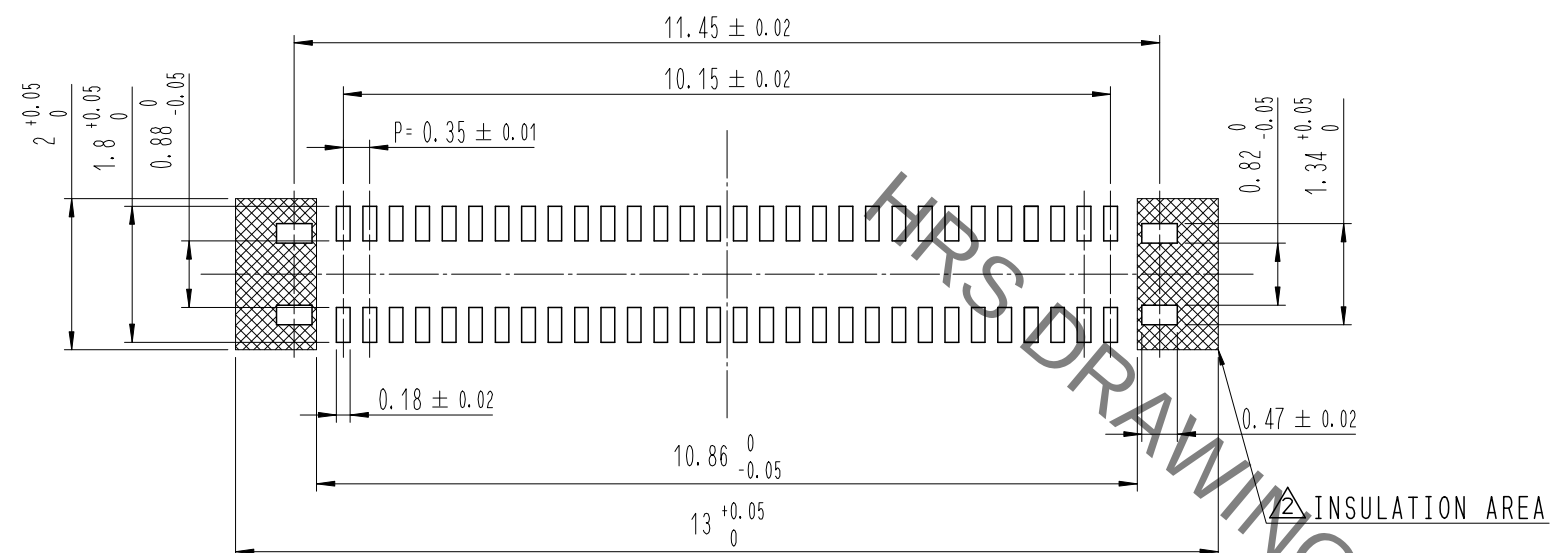


ENGAGEMENT FIGURE (50:1)



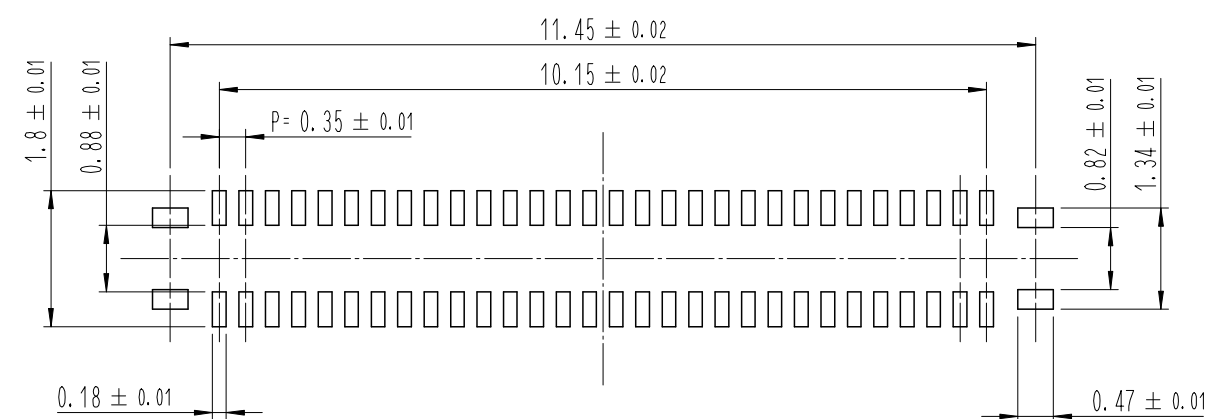
4	PS	CLEAR (EMBOSSED CARRIER TAPE)							
3	PHOSPHOR BRONZE	3							
2	PHOSPHOR BRONZE	2	6	PS	BLACK (PLASTIC REEL)				
1	LCP	UL94 V-0, BLACK	5	POLYESTER	CLEAR (COVER TAPE)				
NO.	MATERIAL	FINISH , REMARKS		NO.	MATERIAL	FINISH , REMARKS			
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
					Y. J. LEE	Y. J. LEE	H. W. JO	T. S. KANG	15. 12. 03
					15. 12. 03	15. 12. 03	15. 12. 03	15. 12. 03	
CODE NO. (OLD)			DRAWING NO. EDC3-632084		PART NO. BM23FR0.8-60DP-0.35V(51)				
SCALE 10:1		 HIROSE KOREA CO., LTD.	CODE NO CL 6644-0029-6-051					1 3	
UNITS mm									

7 RECOMMENDED PCB LAYOUT

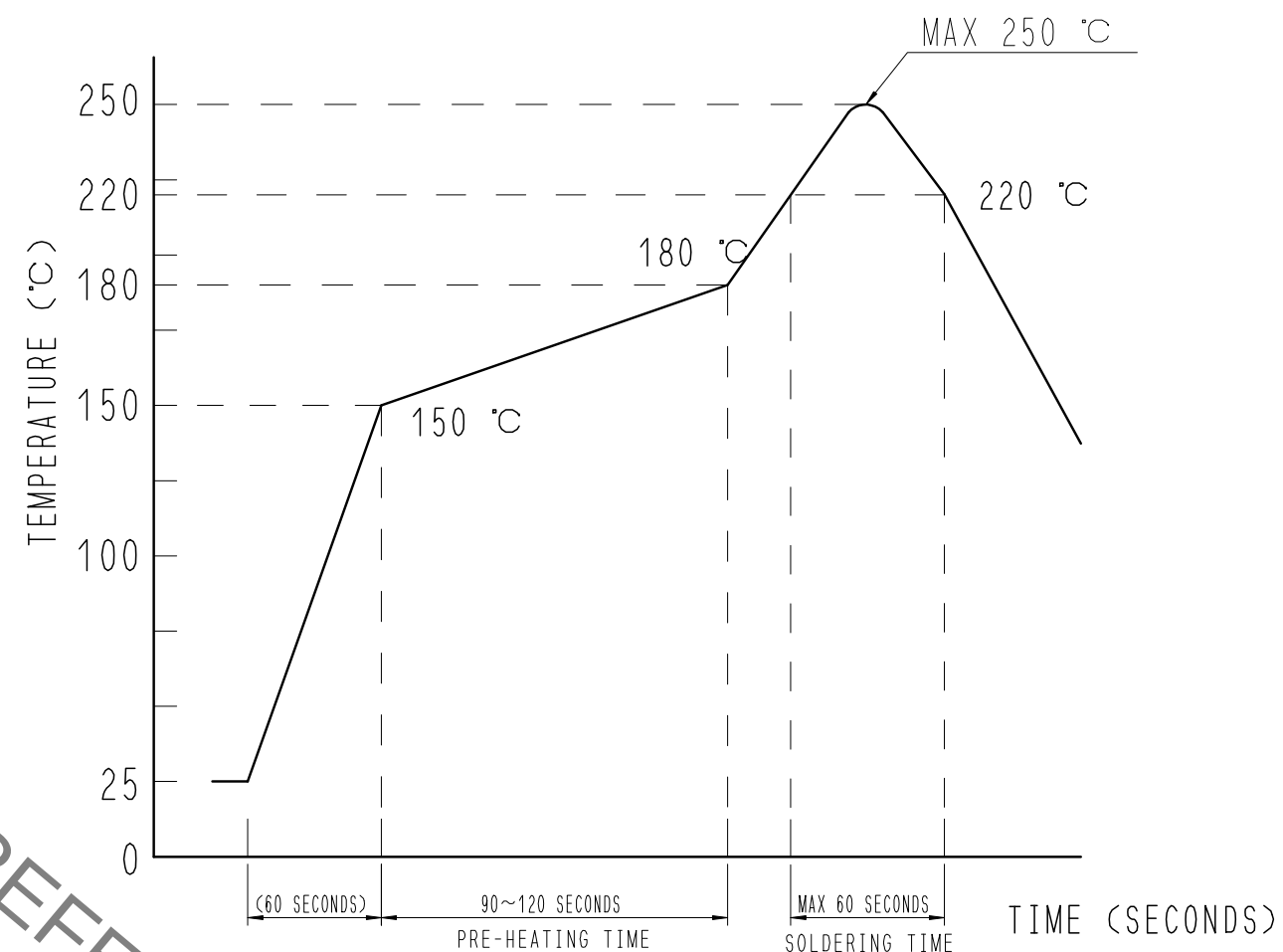


RECOMMENDED METAL MASK DIMENSIONS

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°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.
- 7 PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

	DRAWING NO.	EDC3-632084	PART NO.	BM23FR0.8-60DP-0.35V(51)
	SCALE	10:1	CODE NO	CL 6644-0029-6-051
	UNITS	mm		2/3

Mouser Electronics

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