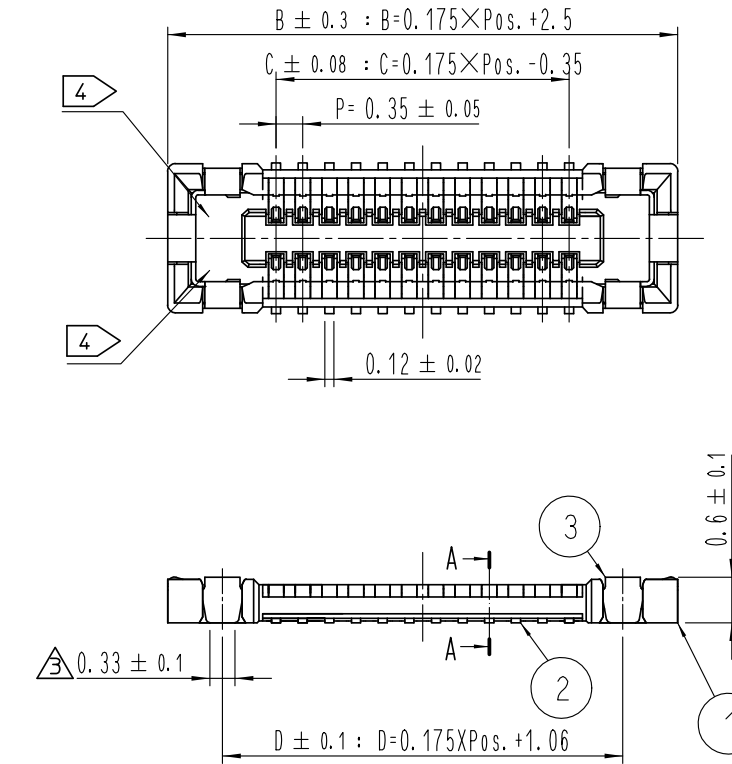
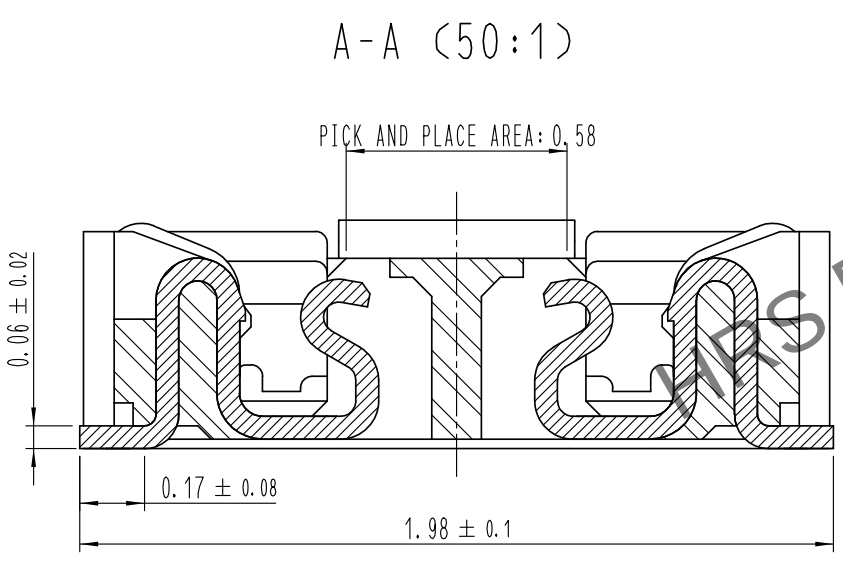
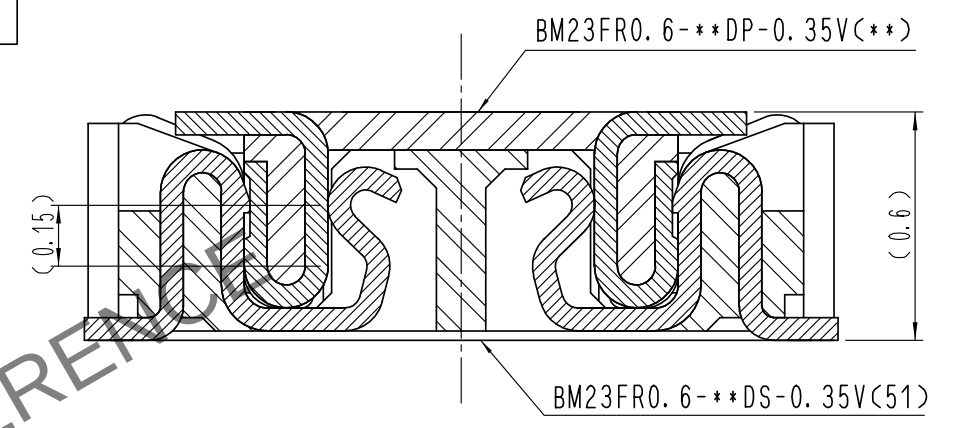


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DRAWING FOR REFERENCE
This is subject to change without notice

ENGAGEMENT FIGURE (50:1)



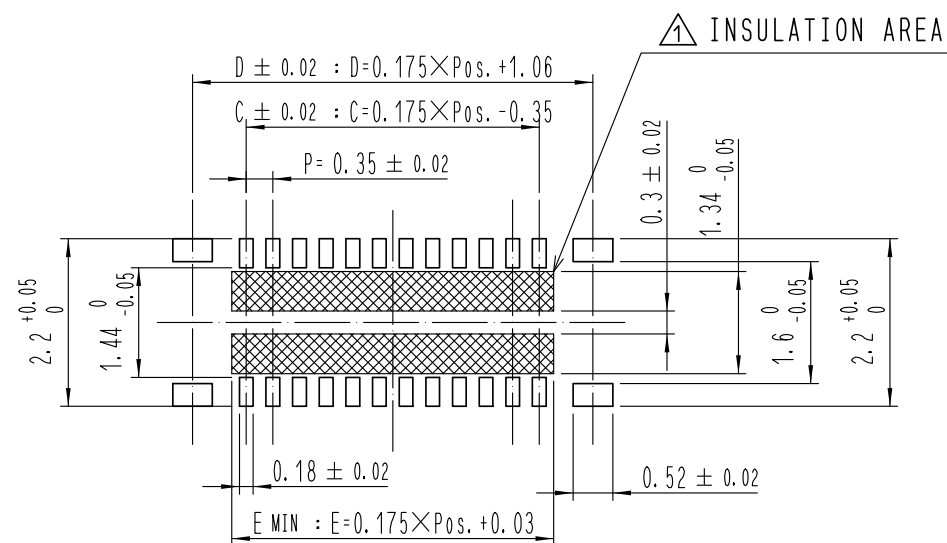
△ PART No.	CODE No.	POS.	B	C	D
BM23FR0.6-6DS-0.35V(51)	-	6	3.55	0.70	2.11
BM23FR0.6-8DS-0.35V(51)	-	8	3.90	1.05	2.46
BM23FR0.6-10DS-0.35V(51)	-	10	4.25	1.40	2.81
BM23FR0.6-12DS-0.35V(51)	-	12	4.60	1.75	3.16
BM23FR0.6-16DS-0.35V(51)	-	16	5.30	2.45	3.86
BM23FR0.6-20DS-0.35V(51)	-	20	6.00	3.15	4.56
BM23FR0.6-24DS-0.35V(51)	-	24	6.70	3.85	5.26
BM23FR0.6-30DS-0.35V(51)	-	30	7.75	4.90	6.31
BM23FR0.6-34DS-0.35V(51)	-	34	8.45	5.60	7.01
BM23FR0.6-40DS-0.35V(51)	-	40	9.50	6.65	8.06
BM23FR0.6-50DS-0.35V(51)	-	50	11.25	8.40	9.81

- NOTE
1. ALL LEAD CO-PLANARITY SHALL BE 0.1mm MAX.
 2. CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05μm MIN
SMT LEAD : GOLD 0.05μm MIN
UNDERPLATING : NICKEL 1μm MIN
(SURFACE : SEALING)
 3. MATAL FITTING PLATING SPECIFICATIONS
SMT LEAD : GOLD 0.05μm MIN
UNDERPLATING : NICKEL 1μm MIN
(SURFACE : SEALING)
 4. HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.

4	PS	CLEAR (EMBOSSED CARRIER TAPE)				E				
3	PHOSPHOR BRONZE	3	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					
REMARKS				DRAWN D. W. KIM 14. 11. 06	DESIGNED D. W. KIM 14. 11. 06	CHECKED H. W. JO 14. 11. 06	APPROVED T. S. KANG 14. 11. 06	RELEASED 18. 01. 10	F	
CODE NO. (OLD)		DRAWING NO. EDC3-*****		PART NO. BM23FR0.6-**DS-0.35V(51)						
SCALE 10:1		HRS HIROSE KOREA CO., LTD.		CODE NO CL 66***-****-***						1
UNITS mm										3

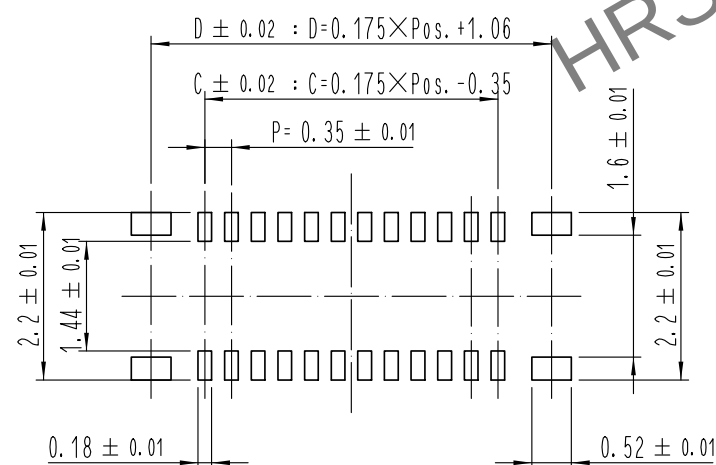
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6 RECOMMENDED PCB LAYOUT



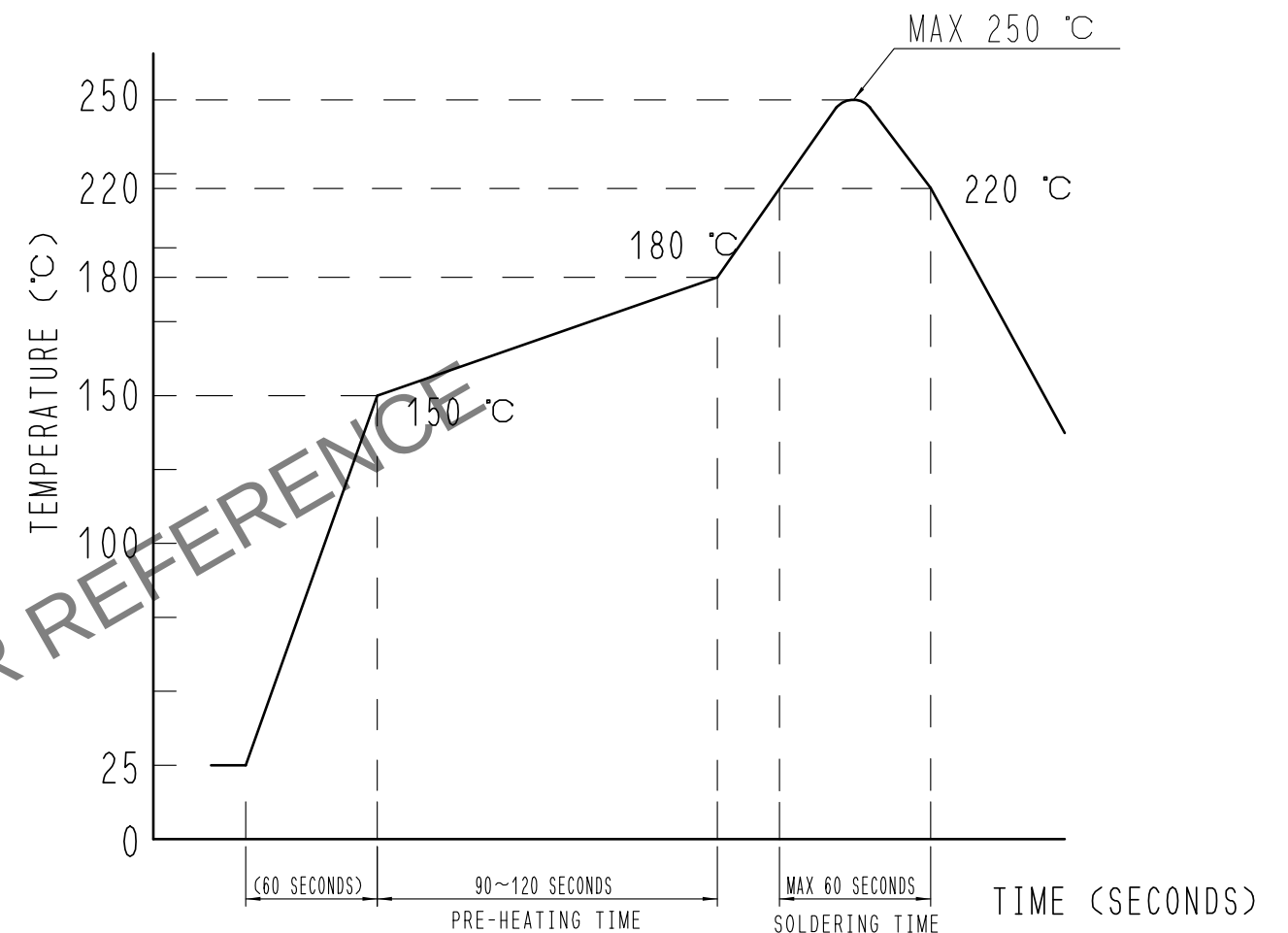
RECOMMENDED METAL MASK DIMENSIONS

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



△ POS.	C	D	E
6	0.70	2.11	1.08
8	1.05	2.46	1.43
10	1.40	2.81	1.78
12	1.75	3.16	2.13
16	2.45	3.86	2.83
20	3.15	4.56	3.53
24	3.85	5.26	4.23
30	4.90	6.31	5.28
34	5.60	7.01	5.98
40	6.65	8.06	7.03
50	8.40	9.81	8.78

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

	DRAWING NO. EDC3-*****	PART NO. BM23FR0.6-**-DS-0.35V(51)
SCALE 10:1	HIROSE KOREA CO., LTD.	CODE NO CL 66***-***-***
UNITS mm		2/3

Mouser Electronics

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